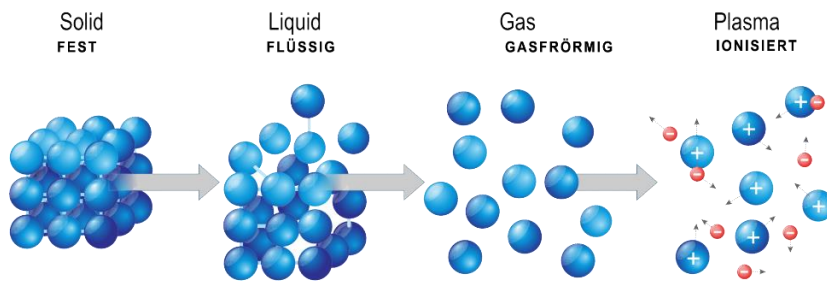
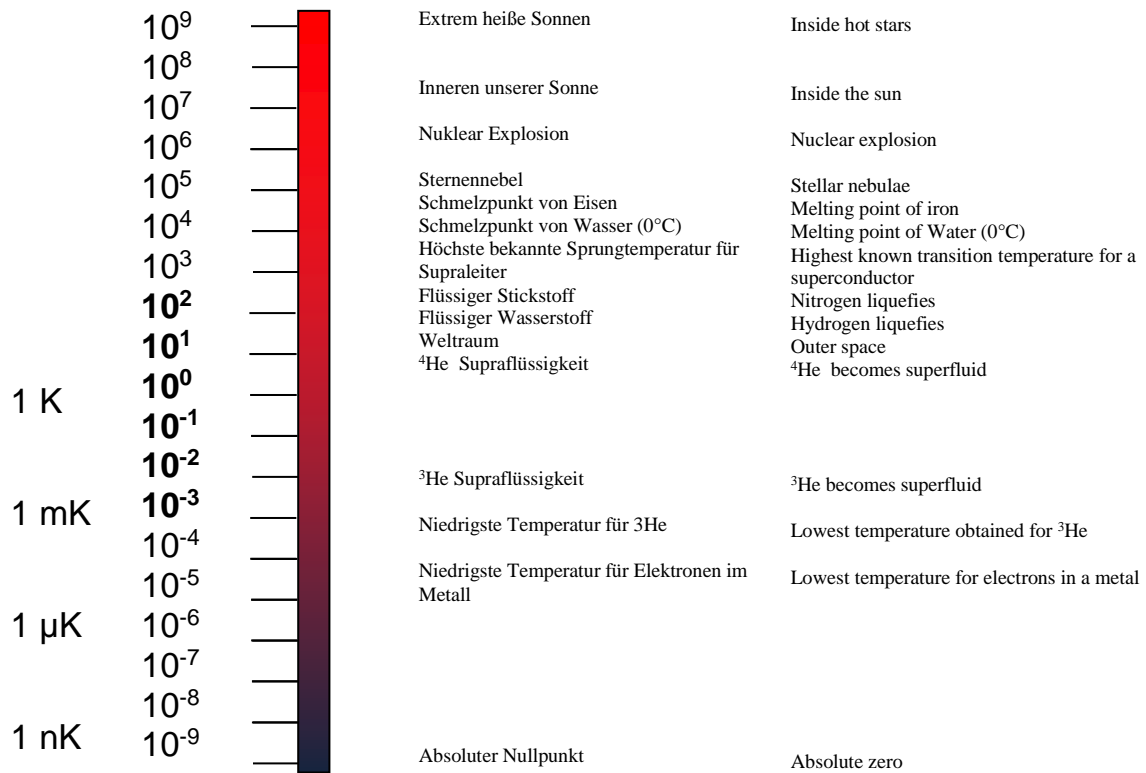


Präzisions-Temperaturmesstechnik

Precision Temperature Measurement Devices



Komponenten und Zubehör

Components and Accessories



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A. Allgemeine Informationen

Das TEMP14 ist ein Temperatur-(Widerstands-)Messgerät, das nach dem Zweileitermessverfahren arbeitet. Es können je nach Ausstattungen bis zu 32 mittel- bis hochohmige Widerstandssensoren ($>2k\Omega$) an das Gerät angeschlossen und hochgenau detektiert werden.

Die hohe Messgenauigkeit des TEMP14 ist durch einen sehr niedrigen Messstrom begründet. Die im TEMP14 integrierte Konstantstromquelle liefert $25\mu A$ (Stabilität des Stroms von $<10^{-5}$). Der Effekt der Eigenerwärmung der Sensoren kann daher ausgeschlossen werden. Außerdem arbeitet das TEMP14 mit A/D Wandler mit 24 - bit – Auflösung. Die Abtastzeit aller angeschlossenen Sensoren ist $<2s$.

Alle zur Auslieferung kommenden Temperaturfühler werden von der Firma JENAer Meßtechnik GmbH kalibriert.

Sie sind an die internationale Temperaturskala ITS 90 angeschlossen.

Zur Approximation der Fühlerkennlinien wird die folgende empirische Gleichung von Steinhart und Hart verwendet:

$$T^{-1} = a + b(\ln R) + c(\ln R)^3$$

Die Koeffizienten a, b, c werden nach der Kalibrierung berechnet und mit dem Temperaturfühler dem Kunden ausgehändigt. Die Fühler werden mit Werkskalibrierzertifikat ausgeliefert (Zertifikat des Deutschen Kalibrierdienstes (DKD) oder der PTB auf Anfrage).

Jeder Sensor besitzt in der Nähe des Steckverbinders und in der Nähe des Fühleres eine Kennzeichnung bestehend aus einer Buchstaben-Ziffern-Kombination. Diese Kennzeichnung dient der eindeutigen Zuordnung der Fühlerkennwerte zum Temperaturfühler.

Langzeitverhalten aller angegebenen NTC – Temperatursensoren

Zur Verbesserung des thermischen Langzeitverhaltens werden die Fühlereslemente vor ihren Einbau einer künstlichen Alterung unterzogen.

Als typische thermische Drift wird vom Hersteller der Thermistorperlen angegeben:

| Arbeitstemperatur | 10 Monate | 100 Monate |
|-------------------|------------------|------------------|
| 0°C | $<0,01^{\circ}C$ | $<0,01^{\circ}C$ |
| 25°C | $<0,01^{\circ}C$ | $<0,02^{\circ}C$ |
| 100°C | $0,2^{\circ}C$ | $0,32^{\circ}C$ |

Sämtliche Inhalte wurden sorgfältig geprüft. Dessen ungeachtet kann keine Garantie für Richtigkeit, Vollständigkeit und Aktualität der Angaben übernommen werden.

A. General Information

The TEMP14 is a temperature (resistance) measuring device which operates according to the two-wire measurement method. Up to 32 medium to high-value resistor sensors (> 2kΩ) can be connected and detected with high accuracy.

The high measuring accuracy of TEMP14 is due to a very low measurement current. The integrated TEMP14 constant current source supplies 25μA (stability of the current of <10⁻⁵). The effect of self-heating of the sensors can be excluded. In addition, the TEMP14 working with A / D converter with 24 - bit - resolution. The sampling rate of all connected sensors is <2s.

All supplied temperature sensors have been calibrated by the JENAer Meßtechnik GmbH. They are in compliance with the International Temperature Scale of 1990 (ITS-90).

For the approximation of the sensor characteristics, the empirical equation by Steinhart and Hart is used:

$$T^{-1} = a + b(\ln R) + c(\ln R)^3$$

The coefficients a, b, c are calculated after the calibration and are handed over together with the temperature sensor to the customer. The sensors are supplied with calibration certificate (certificate of the German Calibration Service (DKD) or the PTB on request).

Every sensor owns near the plug connector and near the sensor element a marking consisting of a combination of letters and numbers. This marking is used for unique allocation of the sensor parameters to the temperature sensor.

Long-time behavior of all specified NTC - temperature sensors

To improve the long-term thermal behavior, the sensor elements are subjected to artificial aging before their installation.










Typical thermal drift is specified by the manufacturer of NTC resistor elements:



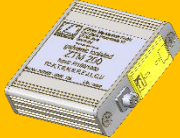
| Operation temperature | 10 months | 100 months |
|-----------------------|-----------|------------|
| 0°C | <0.01°C | <0.01°C |
| 25°C | < 0.01°C | <0.02°C |
| 100°C | 0.2°C | 0.32°C |

All contents have been studied carefully. Regardless of this, no guarantee for correctness, completeness and actuality of information can be given.

B. Produktpalette
B. Product overview

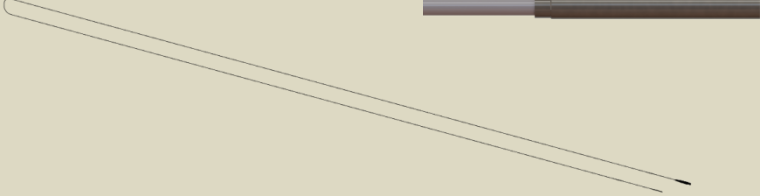
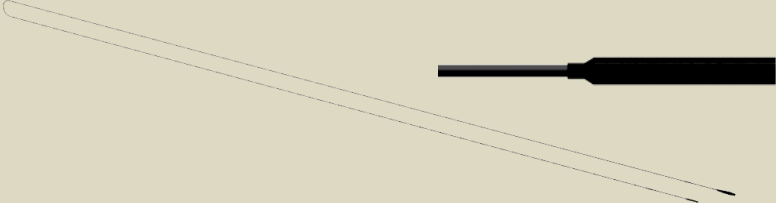
Grundgeräte - Auswerteeinheiten
Basic devices – evaluation units

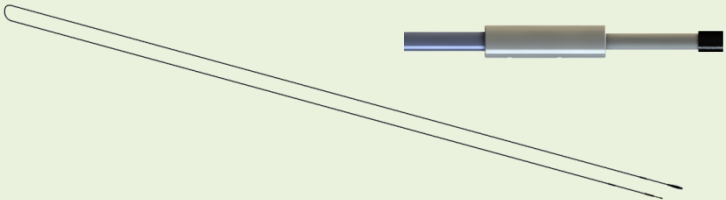
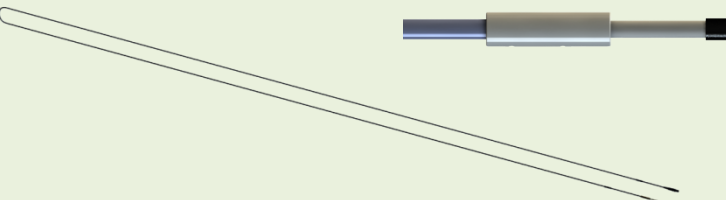
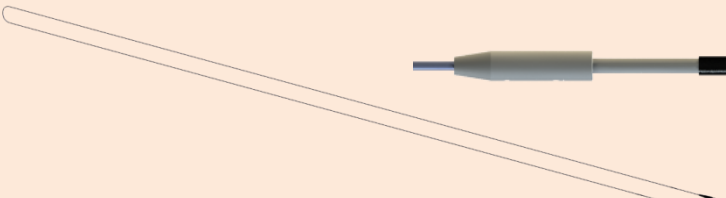
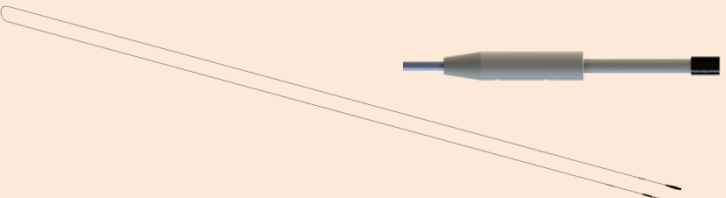
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|------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| |  |  |  |
| Artikelbestellnr.: <i>Order No.:</i> | 269300 - 3980 . 826 | 269300 - 3984 . 526 | 269300 - 3990 . 024 |
| Seite: / Page: | C-1 | C-1 | C-2 |
| Name: <i>Description:</i> | <i>TEMP 14 (8 Kanäle)</i> <i>TEMP 14 (8 channels)</i> | <i>TEMP 14 (zweireihig)</i> <i>TEMP 14 (double-row)</i> | <i>TEMP 14 (einreihig)</i> <i>TEMP 14 (single-row)</i> |
| |  |  |  |
| | 269300 - 3984 . 626 | 269300 - 3984 . 026 | 269300 - 3990 . 124 |
| | C-2 | C-3 | C-3 |
| | <i>TEMP 14 – Baro</i> <i>TEMP 14 – Baro</i> | <i>TEMP 14 – (8 Kanäle)</i> <i>kompakt</i> <i>TEMP 14 – (8 channels)</i> <i>compact</i> | <i>TEMP 14 (32 Kanäle)</i> <i>TEMP 14 (32 channels)</i> |
| |  |  |  |
| | 269300 - 6000 . 026 | 269300 - 3980 . 426 | 269300 – 3984 . 926 |
| | C-4 | C-4 | C-5 |
| | <i>ZTM 5000</i> <i>ZTM 5000</i> | <i>TEMP 14 – (4 Kanäle)</i> <i>TEMP 14 – (4 channels)</i> | <i>TEMP 14 (96 Kanäle)</i> <i>TEMP 14 (96 channels)</i> |

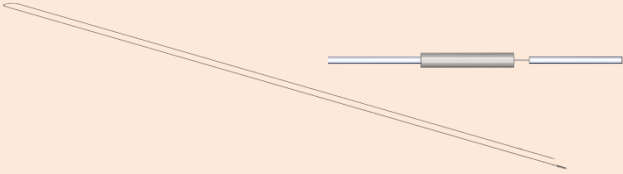
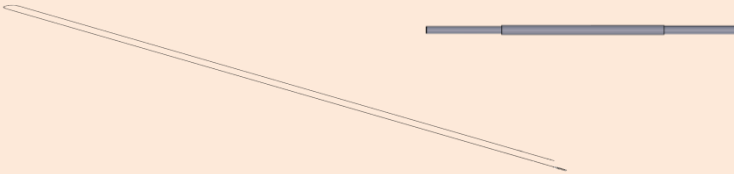
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| |  |  |  |
| Artikelbestellnr.: <i>Order No.:</i> | 269300 – 3990 . 026 | 269300 – 3991 . 026 | 269300 - 6000 . 126 |
| Seite: / C-5 | C-5 | C-6 | C-7 |
| Name: <i>Description:</i> | TEMP 21 TEMP 21 | TEMP 21 Baro TEMP 21 Baro | ZTM200 ZTM200 |
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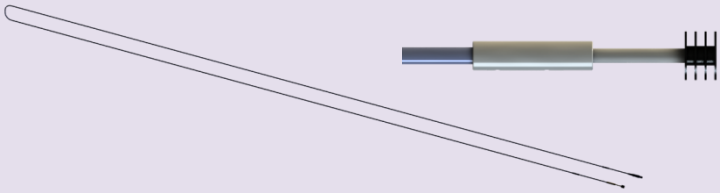
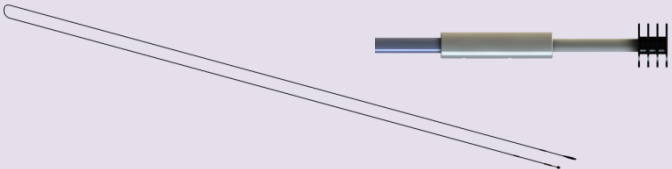
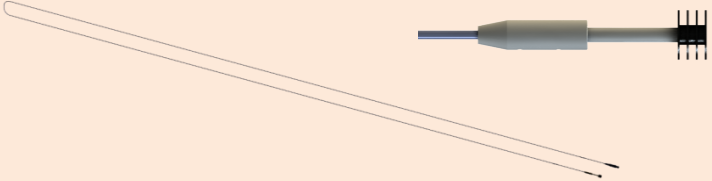
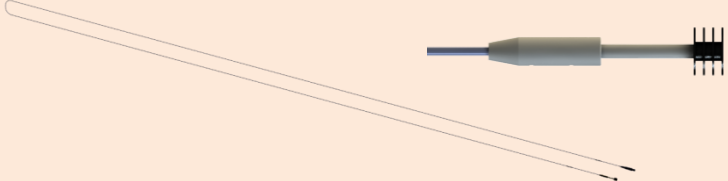
Übersicht – Temperatursensoren (Halbleitersensoren)

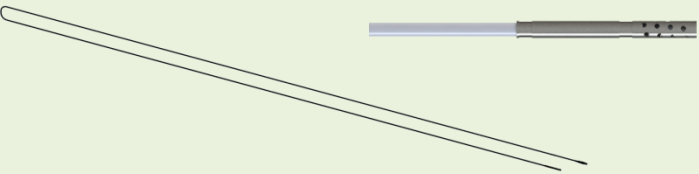
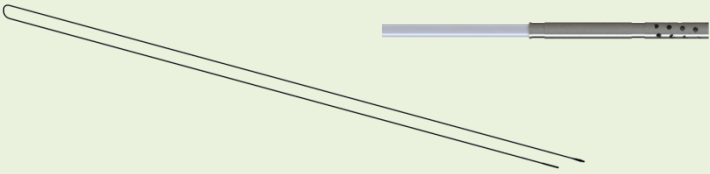
Overview – Temperature sensors (Semiconductor sensors)

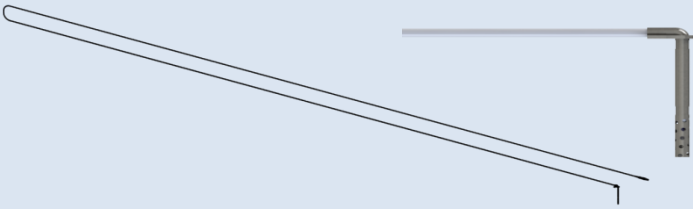
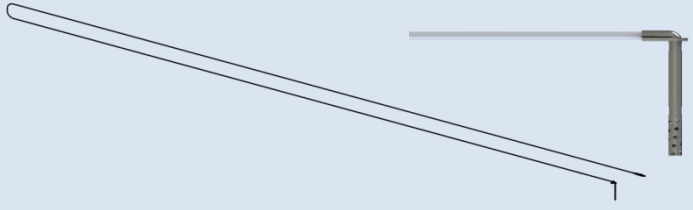
| | | | |
|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|
| <p>Spezialtemperaturfühler 40 (2,5) <i>Special temperature sensor 40 (2.5)</i></p> |  | | |
| <p>Artikelbestellnr.: <i>Order No.:</i></p> | <p>263900 - 3845 . 024</p> | <p>263900 - 3845 . 025</p> | <p>263900 - 3845 . 026</p> |
| <p>Seite: / Page:</p> | <p>D-1</p> | <p>D-1</p> | <p>D-1</p> |
| <p>Kurzbeschreibung: <i>Short details:</i></p> | <p><i>5 m / PFA-Kabel 5 m / PFA -cable</i></p> | <p><i>10 m / PFA-Kabel 10 m / PFA -cable</i></p> | <p><i>15 m / PFA-Kabel 15 m / PFA -cable</i></p> |
| <p>Spezialtemperaturfühler 40 (4,0) <i>Special temperature sensor 40 (4.0)</i></p> |  | | |
| | <p>263900 - 3845 . 124</p> | <p>263900 - 3845 . 125</p> | <p>263900 - 3845 . 126</p> |
| | <p>D-1</p> | <p>D-1</p> | <p>D-1</p> |
| | <p><i>5 m / PFA-Kabel 5 m / PFA -cable</i></p> | <p><i>10 m / PFA-Kabel 10 m / PFA -cable</i></p> | <p><i>15 m / PFA-Kabel 15 m / PFA -cable</i></p> |

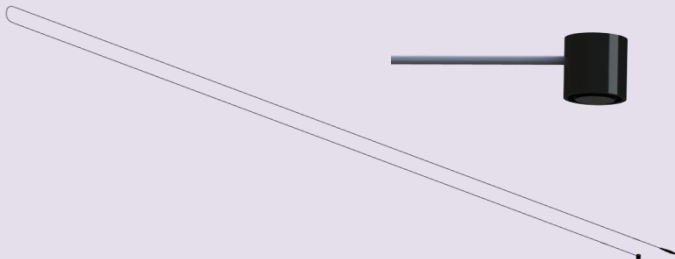
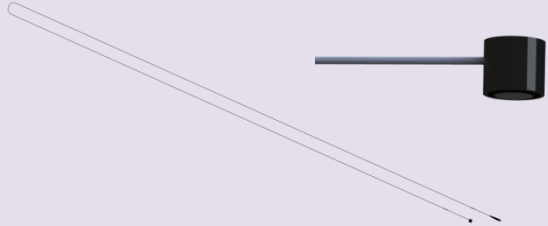
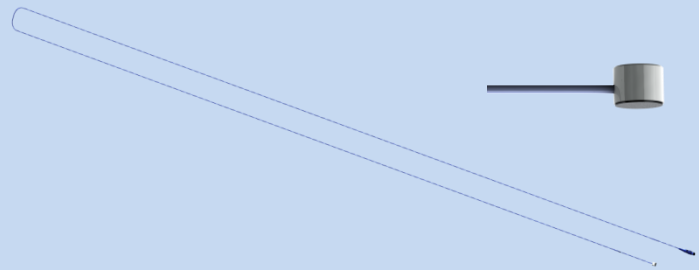
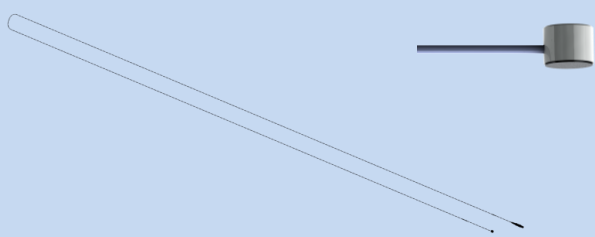
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| Körpertemperaturfühler 2 <i>Insertion Temperature Sensor 2</i> |  | | |
| | 269300 - 3903 . 624 | 269300 - 3903 . 724 | 269300 - 3903 . 824 |
| | D-2 | D-2 | D-2 |
| | <i>5 m / PVC –Kabel</i> <i>5 m / PVC -cable</i> | <i>10 m / PVC –Kabel</i> <i>10 m / PVC -cable</i> | <i>15 m / PVC –Kabel</i> <i>15 m / PVC -cable</i> |
| Körpertemperaturfühler 2 <i>Insertion Temperature Sensor 2</i> |  | | |
| | 269300 - 3953 . 624 | 269300 - 3953 . 724 | 269300 - 3953 . 824 |
| | D-2 | D-2 | D-2 |
| | <i>5 m / Teflon –Kabel</i> <i>5 m / Teflon -cable</i> | <i>10 m / Teflon –Kabel</i> <i>10 m / Teflon -cable</i> | <i>15 m / Teflon –Kabel</i> <i>15 m / Teflon -cable</i> |
| Körpertemperaturfühler 3 <i>Insertion Temperature Sensor 3</i> |  | | |
| | 269300 - 3963 . 624 | 269300 - 3963 . 724 | 269300 - 3963 . 824 |
| | Seite: / Page: | D-3 | D-3 |
| | Kurzbeschreibung: <i>Short details:</i> | <i>5 m / PVC –Kabel</i> <i>5 m / PVC -cable</i> | <i>10 m / PVC –Kabel</i> <i>10 m / PVC -cable</i> |
| Körpertemperaturfühler 3 <i>Insertion Temperature Sensor 3</i> |  | | |
| | 269300 - 3973 . 624 | 269300 - 3973 . 724 | 269300 - 3973 . 824 |
| | D-3 | D-3 | D-3 |
| | <i>5 m / Teflon –Kabel</i> <i>5 m / Teflon -cable</i> | <i>10 m / Teflon –Kabel</i> <i>10 m / Teflon -cable</i> | <i>15 m / Teflon –Kabel</i> <i>15 m / Teflon -cable</i> |

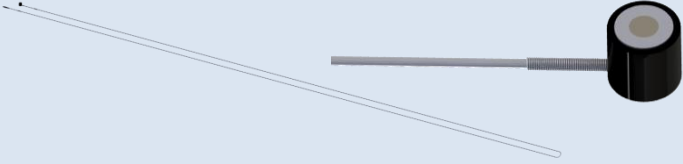
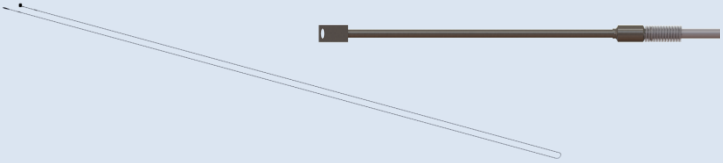

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|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|
| <p>Spezialtemperaturfühler Ø1,5 – wasserfester Körperfühler <i>Special temperature sensor Ø1.5 - sensor water resistance</i></p> |  | | |
| | <p>269300 - 3991 . 024</p> | <p>269300 - 3991 . 025</p> | <p>269300 - 3991 . 026</p> |
| | <p>D-4</p> | <p>D-4</p> | <p>D-4</p> |
| | <p><i>5 m / Teflon –Kabel 5 m / Teflon -cable</i></p> | <p><i>10 m / Teflon –Kabel 10 m / Teflon -cable</i></p> | <p><i>15 m / Teflon –Kabel 15 m / Teflon -cable</i></p> |
| <p>Spezialtemperaturfühler Ø1,5 (NTC) – für Sensormatrix <i>Special temperature sensor Ø1.5 – for sensor matrix</i></p> |  | | |
| | <p>269300 - 3018 . 024</p> | <p>269300 - 3018 . 025</p> | <p>269300 - 3018 . 026</p> |
| | <p>D-4</p> | <p>D-4</p> | <p>D-4</p> |
| | <p><i>5 m / Teflon –Kabel 5 m / Teflon -cable</i></p> | <p><i>10 m / Teflon –Kabel 10 m / Teflon -cable</i></p> | <p><i>15 m / Teflon –Kabel 15 m / Teflon -cable</i></p> |

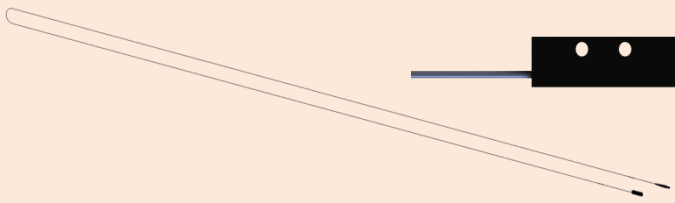
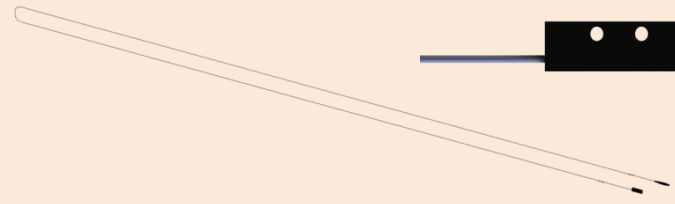
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|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------------------|----------------------------------------------|
| <p>Lufttemperaturfühler A <i>Air temperature sensor A</i></p>  | | | |
| | 269300 - 3904 . 424 | 269300 - 3904 . 524 | 269300 - 3904 . 624 |
| | D-5 | D-5 | D-5 |
| | 5 m / PVC –Kabel 5 m / PVC -cable | 10 m / PVC –Kabel 10 m / PVC -cable | 15 m / PVC –Kabel 15 m / PVC -cable |
| <p>Lufttemperaturfühler A <i>Air temperature sensor A</i></p>  | | | |
| | 269300 - 3954 . 424 | 269300 - 3954 . 524 | 269300 - 3954 . 624 |
| | D-5 | D-5 | D-5 |
| | 5 m / Teflon –Kabel 5 m / Teflon -cable | 10 m / Teflon –Kabel 10 m / Teflon -cable | 15 m / Teflon –Kabel 15 m / Teflon -cable |
| <p>Lufttemperaturfühler B <i>Air temperature sensor B</i></p>  | | | |
| Artikelbestellnr.: <i>Order No.:</i> | 269300 - 3964 . 424 | 269300 - 3964 . 524 | 269300 - 3964 . 624 |
| Seite: / Page: | D-6 | D-6 | D-6 |
| Kurzbeschreibung: <i>Short details:</i> | 5 m / PVC –Kabel 5 m / PVC -cable | 10 m / PVC –Kabel 10 m / PVC -cable | 15 m / PVC –Kabel 15 m / PVC -cable |
| <p>Lufttemperaturfühler B <i>Air temperature sensor B</i></p>  | | | |
| | 269300 - 3974 . 424 | 269300 - 3974 . 524 | 269300 - 3974 . 624 |
| | D-6 | D-6 | D-6 |
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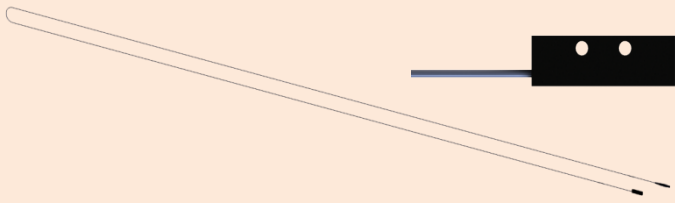
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|------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|
| Lufttemperaturfühler C <i>Air temperature sensor C</i> |  | | |
| | 269300 – 3860 . 024 | 269300 – 3860 . 025 | 269300 – 3860 . 026 |
| | D-7 | D-7 | D-7 |
| | <i>5 m / PVC –Kabel</i> <i>5 m / PVC -cable</i> | <i>10 m / PVC –Kabel</i> <i>10 m / PVC -cable</i> | <i>15 m / PVC –Kabel</i> <i>15 m / PVC -cable</i> |
| Lufttemperaturfühler C <i>Air temperature sensor C</i> |  | | |
| | 269300 – 3860 . 124 | 269300 – 3860 . 125 | 269300 – 3860 . 126 |
| | D-7 | D-7 | D-7 |
| | <i>5 m / Teflon –Kabel</i> <i>5 m / Teflon -cable</i> | <i>10 m / Teflon –Kabel</i> <i>10 m / Teflon -cable</i> | <i>15 m / Teflon –Kabel</i> <i>15 m / Teflon -cable</i> |

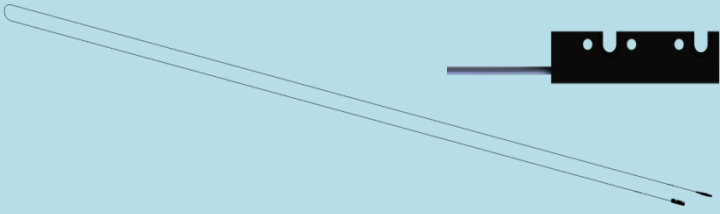
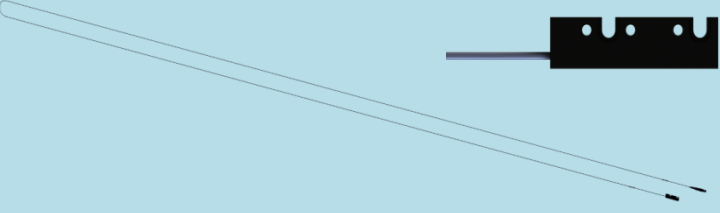
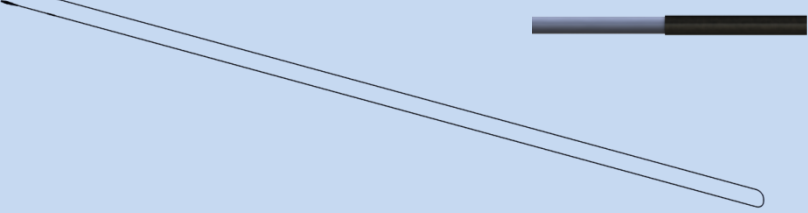
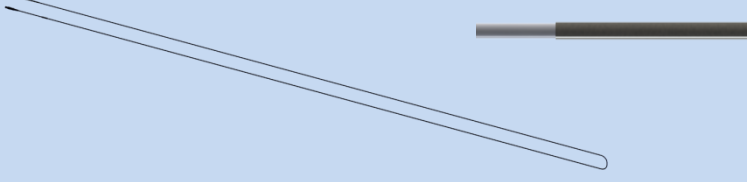
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| Lufttemperaturfühler D-90°abgewinkelt <i>Air temperature sensor D-90°offset</i> |  | | |
| | 269300 – 3861 . 024 | 269300 – 3861 . 025 | 269300 – 3861 . 026 |
| | D-8 | D-8 | D-8 |
| | <i>5 m / PVC –Kabel</i> <i>5 m / PVC -cable</i> | <i>10 m / PVC –Kabel</i> <i>10 m / PVC -cable</i> | <i>15 m / PVC –Kabel</i> <i>15 m / PVC -cable</i> |
| Lufttemperaturfühler D-90°abgewinkelt <i>Air temperature sensor D-90°offset</i> |  | | |
| | 269300 – 3861 . 124 | 269300 – 3861 . 125 | 269300 – 3861 . 126 |
| | D-8 | D-8 | D-8 |
| | <i>5 m / Teflon –Kabel</i> <i>5 m / Teflon -cable</i> | <i>10 m / Teflon –Kabel</i> <i>10 m / Teflon -cable</i> | <i>15 m / Teflon –Kabel</i> <i>15 m / Teflon -cable</i> |

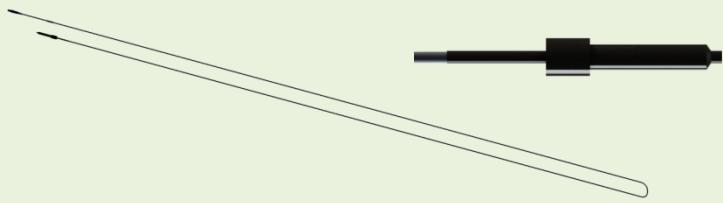
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|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|
| Oberflächentemperaturfühler 1 (Präzision) <i>Surface temperature sensor 1 (precision sensor)</i> |  | | |
| | 269300 - 3905 . 224 | 269300 - 3905 . 324 | 269300 - 3905 . 424 |
| | D-9 | D-9 | D-9 |
| | <i>5 m / PVC –Kabel 5 m / PVC -cable</i> | <i>10 m / PVC –Kabel 10 m / PVC -cable</i> | <i>15 m / PVC –Kabel 15 m / PVC -cable</i> |
| Oberflächentemperaturfühler 1 (Präzision) <i>Surface temperature sensor 1 (precision sensor)</i> |  | | |
| | 269300 - 3965 . 224 | 269300 - 3965 . 324 | 269300 - 3965 . 424 |
| | D-9 | D-9 | D-9 |
| | <i>5 m / Teflon –Kabel 5 m / Teflon -cable</i> | <i>10 m / Teflon –Kabel 10 m / Teflon -cable</i> | <i>15 m / Teflon –Kabel 15 m / Teflon -cable</i> |
| Oberflächentemperaturfühler 2 (Standard) <i>Surface temperature sensor 2 (standard)</i> |  | | |
| | 269300 - 3904 . 824 | 269300 - 3904 . 924 | 269300 - 3905 . 024 |
| | D-10 | D-10 | D-10 |
| | <i>5 m / PVC –Kabel 5 m / PVC -cable</i> | <i>10 m / PVC –Kabel 10 m / PVC -cable</i> | <i>15 m / PVC –Kabel 15 m / PVC -cable</i> |
| Oberflächentemperaturfühler 2 (Standard) <i>Surface temperature sensor 2 (standard)</i> |  | | |
| | 269300 - 3964 . 824 | 269300 - 3964 . 924 | 269300 - 3965 . 024 |
| | D-10 | D-10 | D-10 |
| | <i>5 m / Teflon –Kabel 5 m / Teflon -cable</i> | <i>10 m / Teflon –Kabel 10 m / Teflon -cable</i> | <i>15 m / Teflon –Kabel 15 m / Teflon -cable</i> |

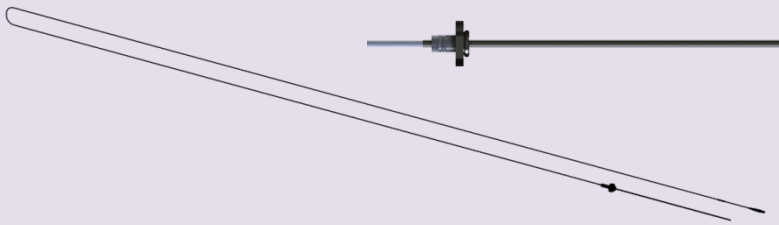
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| Oberflächentemperaturfühler 3 (mit Magnet) <i>Surface temperature sensor 3 (with magnet)</i> |  | | |
| | 269300 - 3815 . 024 | 269300 - 3815 . 025 | 269300 - 3815 . 026 |
| | D-11 | D-11 | D-11 |
| | <i>5 m / PVC –Kabel 5 m / PVC -cable</i> | <i>10 m / PVC –Kabel 10 m / PVC -cable</i> | <i>15 m / PVC –Kabel 15 m / PVC -cable</i> |
| Oberflächentemperaturfühler 4 (mit quadratischem Grundkörper) <i>Surface temperature sensor 4 (with square contact surface)</i> |  | | |
| | 269300 - 3840 . 024 | 269300 - 3840 . 025 | 269300 - 3840 . 026 |
| | D-11 | D-11 | D-11 |
| | <i>5 m / PVC –Kabel 5 m / PVC -cable</i> | <i>10 m / PVC –Kabel 10 m / PVC -cable</i> | <i>15 m / PVC –Kabel 15 m / PVC -cable</i> |
| Oberflächentemperaturfühler 5 (mit Magnet) <i>Surface temperature Sensor 5 (with magnet)</i> |  | | |
| | 269300 - 3989 . 024 | 269300 - 3989 . 025 | 269300 - 3989 . 026 |
| | D-12 | D-12 | D-12 |
| | <i>5 m / PVC –Kabel 5 m / PVC -cable</i> | <i>10 m / PVC –Kabel 10 m / PVC -cable</i> | <i>15 m / PVC –Kabel 15 m / PVC -cable</i> |

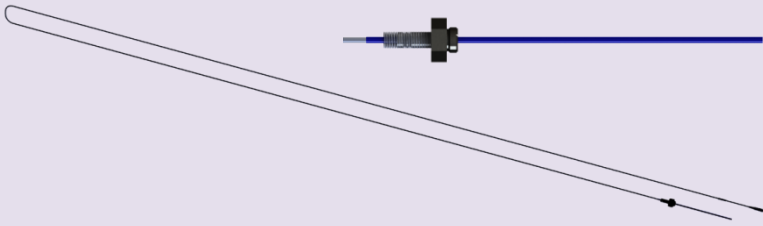
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| <p>Einbautemperaturfühler "MESS" <i>Built-in temperature sensor "MESS"</i></p> |  | | |
| | 269300 - 3900 . 325 | 269300 - 3900 . 425 | 269300 - 3900 . 525 |
| | D-12 | D-12 | D-12 |
| | <i>5 m / PVC –Kabel 5 m / PVC -cable</i> | <i>10 m / PVC –Kabel 10 m / PVC -cable</i> | <i>15 m / PVC –Kabel 15 m / PVC -cable</i> |
| <p>Einbautemperaturfühler "MESS" <i>Built-in temperature sensor "MESS"</i></p> |  | | |
| | 269300 - 3960 . 325 | 269300 - 3960 . 425 | 269300 - 3960 . 525 |
| | D-13 | D-13 | D-13 |
| | <i>5 m / Teflon –Kabel 5 m / Teflon -cable</i> | <i>10 m / Teflon –Kabel 10 m / Teflon -cable</i> | <i>15 m / Teflon –Kabel 15 m / Teflon -cable</i> |

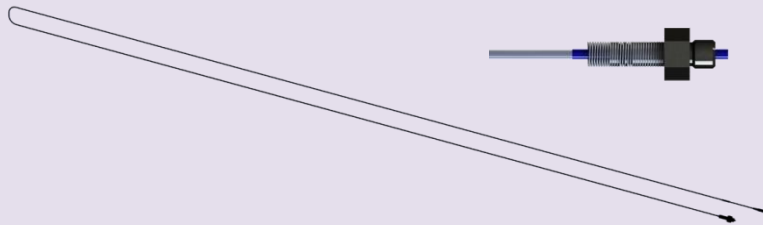
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| <p>Einbautemperaturfühler "MESS Rapid" <i>Built-in temperature sensor "MESS Rapid"</i></p> |  | | |
| | 269300 - 3988 . 024 | 269300 - 3988 . 025 | 269300 - 3988 . 026 |
| | D-14 | D-14 | D-14 |
| | <i>5 m / PVC –Kabel 5 m / PVC -cable</i> | <i>10 m / PVC –Kabel 10 m / PVC -cable</i> | <i>15 m / PVC –Kabel 15 m / PVC -cable</i> |

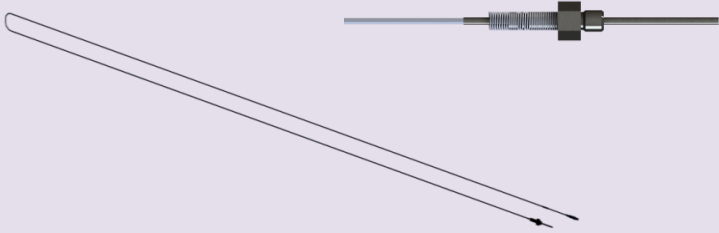
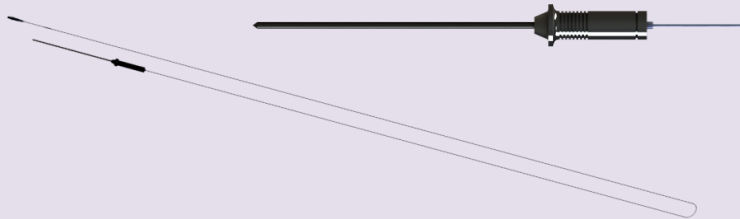
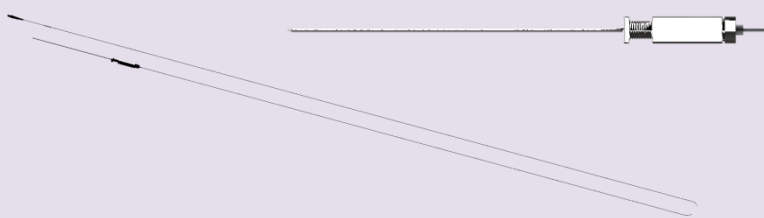
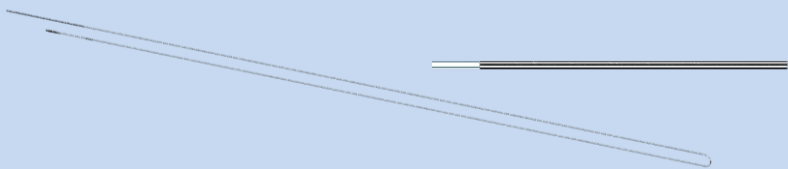
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|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|
| <p>Einbautemperaturfühler "LITH" <i>Built-in temperature sensor "LITH"</i></p> |  | | |
| <p>Artikelbestellnr.: <i>Order No.:</i></p> | <p>269300 - 3900 . 925</p> | <p>269300 - 3901 . 025</p> | <p>269300 - 3901 . 125</p> |
| <p>Seite: / Page:</p> | <p>D-15</p> | <p>D-15</p> | <p>D-15</p> |
| <p>Kurzbeschreibung: <i>Short details:</i></p> | <p><i>5 m / PVC –Kabel 5 m / PVC -cable</i></p> | <p><i>10 m / PVC –Kabel 10 m / PVC -cable</i></p> | <p><i>15 m / PVC –Kabel 15 m / PVC -cable</i></p> |
| <p>Einbautemperaturfühler "LITH" <i>Built-in temperature sensor "LITH"</i></p> |  | | |
| | <p>269300 - 3960 . 925</p> | <p>269300 - 3961 . 025</p> | <p>269300 - 3961 . 125</p> |
| | <p>D-15</p> | <p>D-15</p> | <p>D-15</p> |
| | <p><i>5 m / Teflon –Kabel 5 m / Teflon -cable</i></p> | <p><i>10 m / Teflon –Kabel 10 m / Teflon -cable</i></p> | <p><i>15 m / Teflon –Kabel 15 m / Teflon -cable</i></p> |
| <p>Spezialtemperaturfühler 30 (NTC) <i>NTC - special temperature sensor 30</i></p> |  | | |
| | <p>269300 - 3982 . 724</p> | <p>269300 - 3982 . 824</p> | <p>269300 - 3982 . 924</p> |
| | <p>D-16</p> | <p>D-16</p> | <p>D-16</p> |
| | <p><i>5 m / Teflon –Kabel 5 m / Teflon -cable</i></p> | <p><i>10 m / Teflon –Kabel 10 m / Teflon -cable</i></p> | <p><i>15 m / Teflon –Kabel 15 m / Teflon -cable</i></p> |
| <p>Spezialtemperaturfühler 70 <i>Special temperature sensor 70</i></p> |  | | |
| | <p>269300 - 3980 . 926</p> | <p>269300 - 3983 . 924</p> | <p>269300 - 3983 . 925</p> |
| | <p>D-16</p> | <p>D-16</p> | <p>D-16</p> |
| | <p><i>5 m / Teflon –Kabel 5 m / Teflon -cable</i></p> | <p><i>10 m / Teflon –Kabel 10 m / Teflon -cable</i></p> | <p><i>15 m / Teflon –Kabel 15 m / Teflon -cable</i></p> |

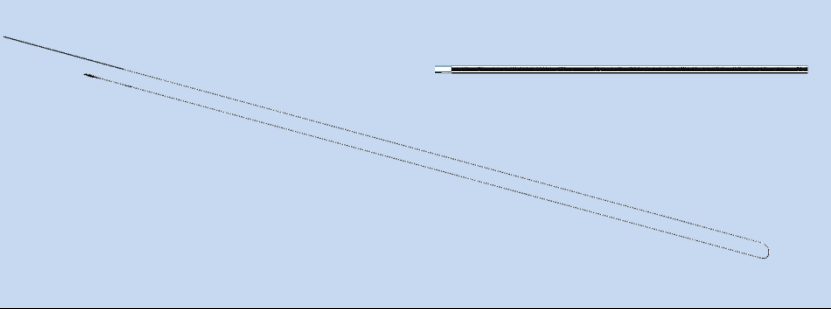
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| <p>Einschraubsensor (druckdicht für Flüssigkeiten u. Gase) <i>Screw-in temperature sensor</i> (pressure-tight for liquids and gases)</p> |  | | |
| | 269300 - 3983 . 024 | 269300 - 3983 . 124 | 269300 - 3983 . 224 |
| | D-17 | D-17 | D-17 |
| | <i>5 m / Teflon –Kabel</i> <i>5 m / Teflon -cable</i> | <i>10 m / Teflon –Kabel</i> <i>10 m / Teflon -cable</i> | <i>15 m / Teflon –Kabel</i> <i>15 m / Teflon -cable</i> |

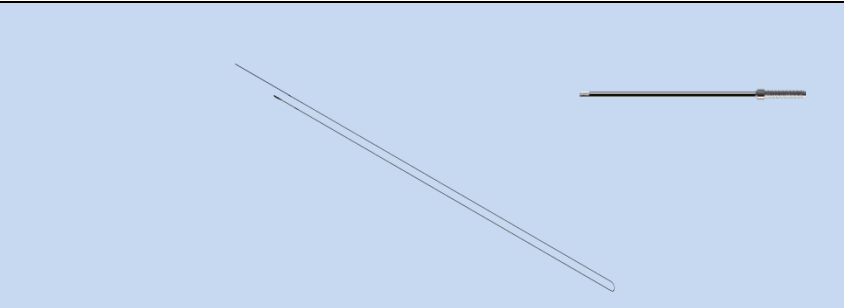
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| <p>Einschraubtemperatursensor 1 <i>Screw-in temperature sensor 1</i></p> |  | | |
| | 269300 - 3850 . 024 | 269300 - 3850 . 025 | 269300 - 3850 . 026 |
| | D-17 | D-17 | D-17 |
| | <i>5 m / Teflon –Kabel</i> <i>5 m / Teflon -cable</i> | <i>10 m / Teflon –Kabel</i> <i>10 m / Teflon -cable</i> | <i>15 m / Teflon –Kabel</i> <i>15 m / Teflon -cable</i> |

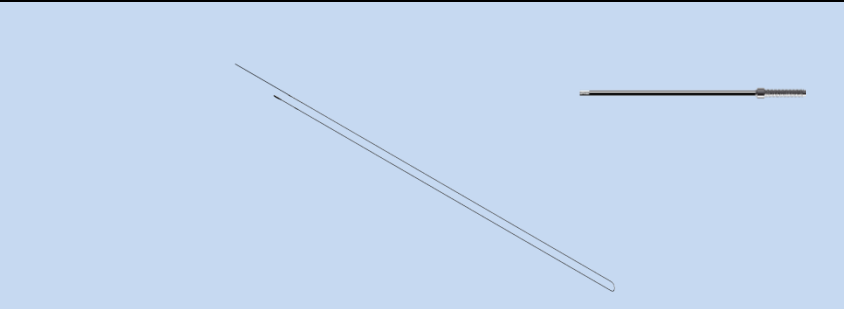
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| <p>Einschraubtemperatursensor 2 <i>Screw-in temperature sensor 2</i></p> |  | | |
| | 269300 - 3850 . 124 | 269300 - 3850 . 125 | 269300 - 3850 . 126 |
| | D-18 | D-18 | D-18 |
| | <i>5 m / Teflon –Kabel</i> <i>5 m / Teflon -cable</i> | <i>10 m / Teflon –Kabel</i> <i>10 m / Teflon -cable</i> | <i>15 m / Teflon –Kabel</i> <i>15 m / Teflon -cable</i> |

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| <p>Einschraubtemperatursensor 3 <i>Screw-in temperature sensor 3</i></p> |  | | |
| | 269300 - 3850 . 224 | 269300 - 3850 . 225 | 269300 - 3850 . 226 |
| | D-18 | D-18 | D-18 |
| | <i>5 m / Teflon –Kabel</i> <i>5 m / Teflon -cable</i> | <i>10 m / Teflon –Kabel</i> <i>10 m / Teflon -cable</i> | <i>15 m / Teflon –Kabel</i> <i>15 m / Teflon -cable</i> |

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| Einschraubtemperatursensor 4 <i>Screw-in temperature sensor 4</i> |  | | |
| | 269300 - 3850 . 324 | 269300 - 3850 . 325 | 269300 - 3850 . 326 |
| | D-19 | D-19 | D-19 |
| | <i>5 m / Teflon –Kabel</i> <i>5 m / Teflon -cable</i> | <i>10 m / Teflon –Kabel</i> <i>10 m / Teflon -cable</i> | <i>15 m / Teflon –Kabel</i> <i>15 m / Teflon -cable</i> |
| Spezial Temperatursensor (PT10000) <i>Special temperature sensor (PT10000)</i> |  | | |
| | 269300 - 3810 . 024 | 269300 - 3810 . 025 | 269300 - 3810 . 026 |
| | D-19 | D-19 | D-19 |
| | <i>5 m / Teflon –Kabel</i> <i>5 m / Teflon -cable</i> | <i>10 m / Teflon –Kabel</i> <i>10 m / Teflon -cable</i> | <i>15 m / Teflon –Kabel</i> <i>15 m / Teflon -cable</i> |
| Spezial Temperatursensor (NTC) <i>Special temperature sensor (NTC)</i> |  | | |
| | 269300 - 3820 . 024 | 269300 - 3820 . 025 | 269300 - 3820 . 026 |
| | D-20 | D-20 | D-20 |
| | <i>5 m / Teflon –Kabel</i> <i>5 m / Teflon -cable</i> | <i>10 m / Teflon –Kabel</i> <i>10 m / Teflon -cable</i> | <i>15 m / Teflon –Kabel</i> <i>15 m / Teflon -cable</i> |
| Spezialtemperaturfühler 300 <i>Special temperature sensor 300</i> |  | | |
| | 269300 - 3830 . 024 | 269300 - 3830 . 025 | 269300 - 3830 . 026 |
| | D-20 | D-20 | D-20 |
| | <i>5 m / Glasseiden isoliertes – Kabel</i> <i>5 m / glass silk – insulated cable</i> | <i>10 m / Glasseiden isoliertes – Kabel</i> <i>10 m / glass silk – insulated cable</i> | <i>15 m / Glasseiden isoliertes – Kabel</i> <i>15 m / glass silk – insulated cable</i> |

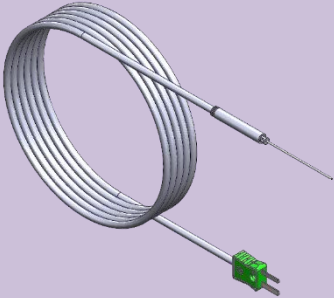
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| Spezialtemperaturfühler 450 <i>Special temperature sensor 450</i> |  | | |
| | 269300 - 3830 . 124 | 269300 - 3830 . 125 | 269300 - 3830 . 126 |
| | D-21 | D-21 | D-21 |
| | <i>5 m / PVC –Kabel</i> <i>5 m / PVC -cable</i> | <i>10 m / PVC –Kabel</i> <i>10 m / PVC -cable</i> | <i>15 m / PVC –Kabel</i> <i>15 m / PVC -cable</i> |

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| Präzisionstemperaturfühler 3mm <i>Precision temperature sensor 3 mm</i> |  | | |
| | 269300 - 3835 . 024 | 269300 - 3835 . 025 | 269300 - 3835 . 026 |
| | D-21 | D-21 | D-21 |
| | <i>5 m / Teflon –Kabel</i> <i>5 m / Teflon -cable</i> | <i>10 m / Teflon –Kabel</i> <i>10 m / Teflon -cable</i> | <i>15 m / Teflon –Kabel</i> <i>15 m / Teflon -cable</i> |

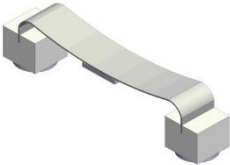
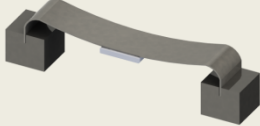





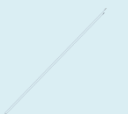

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| Präzisionstemperaturfühler 1,5mm <i>Precision temperature sensor</i> <i>1.5 mm</i> |  | | |
| | 269300 - 3835 . 124 | 269300 - 3835 . 125 | 269300 - 3835 . 126 |
| | D-22 | D-22 | D-22 |
| | <i>5 m / Teflon –Kabel</i> <i>5 m / Teflon -cable</i> | <i>10 m / Teflon –Kabel</i> <i>10 m / Teflon -cable</i> | <i>15 m / Teflon –Kabel</i> <i>15 m / Teflon -cable</i> |

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| <p>Sensorarray nach Kundenwunsch <i>Sensor array customized</i></p> |  | | |
| | <p>Die Vergabe der Bestellnummer erfolgt kundenspezifisch ¹ We assign the order number is customized. ¹</p> | | |
| | <p>D-23</p> | <p>D-23</p> | <p>D-23</p> |
| | <p><i>5 m / Teflon –Kabel</i> <i>5 m / Teflon -cable</i></p> | <p><i>10 m / Teflon –Kabel</i> <i>10 m / Teflon -cable</i></p> | <p><i>15 m / Teflon –Kabel</i> <i>15 m / Teflon -cable</i></p> |

Thermoelemente
Thermo coupler

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|---------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--|--|
| <p>Thermoelemente MTE Typ 294 <i>Thermo coupler MTE Type 294</i></p> |  | | |
| | <p>000000 – 5001 . 655 ¹</p> | | |
| | <p>D-24</p> | | |
| | <p><i>1m TeSi – Kabel</i> <i>1 m TeSi Cable</i></p> | | |

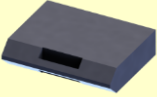
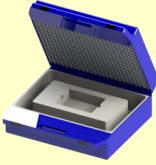

Montageelemente und Erweiterungen
Mounting elements and extentions

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| |  |  |  |
| Artikelbestellnr.: <i>Order No.:</i> | 269300 - 3300 . 224 | 269300 - 3900 . 424 | 269300 – 3900 . 924 |
| Seite: / Page: | E-2 | E-2 | |
| Name: <i>Description:</i> | Magnethalter <i>Magnetic holder</i> | Klebehalter <i>Adhesive holder 2</i> | Schraubhalter 1 <i>Screw holder 1</i> |
| |  | | |
| | 269300 – 3900 . 624 | | |
| | E-2 | | |
| | Schraubhalter 2 <i>Screw holder 2</i> | | |
| |  |  |  |
| | 269300 – 3906 . 424 | 269300 – 3906 . 524 | 269300 – 3905 . 924 |
| | E-3 | E-3 | E-4 |
| | Verlängerungskabel 5m - 5 fach <i>Extension cable 5m - 5 way</i> | Verlängerungskabel 10m - 5 fach <i>Extension cable 10m - 5 way</i> | Verlängerungskabel 5m <i>Extension cable 5m</i> |
| |  |  | |
| | 269300 – 3906 . 024 | 269300 – 3906 . 224 | |
| | E-4 | E-4 | |
| | Verlängerungskabel 10m <i>Extension cable 10m</i> | Verlängerungskabel 20m <i>Extension cable 20m</i> | |

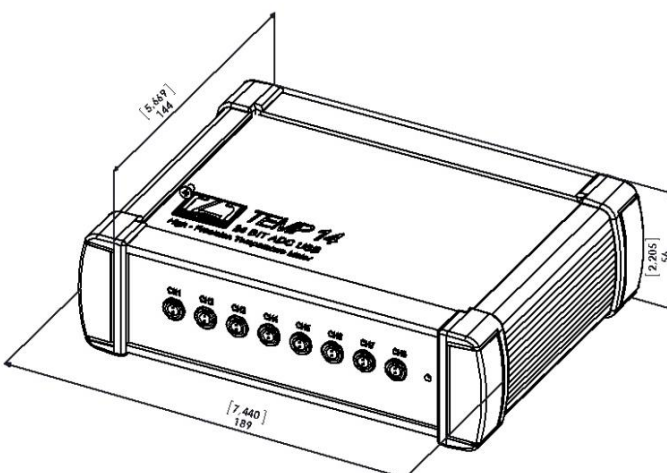
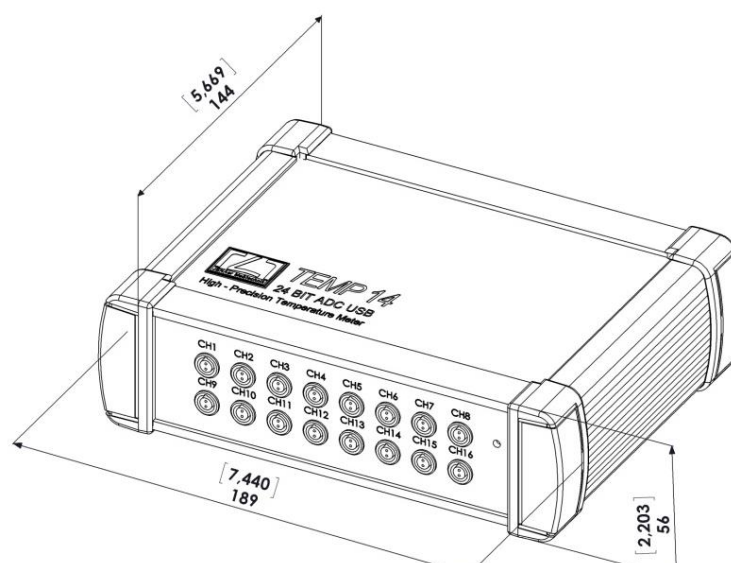
Software
Software

| | | | |
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| Artikelbestellnr.: <i>Order No.:</i> | 269300 - 5000 . 026 | 269300 – 5000 . 126 | 269300 – 5000 . 326 |
| Seite: / Page: | F-1 | F-2 | F-3 |
| Name: <i>Description:</i> | TempLab - Remote TempLab - remote | TempLab - BARO TempLab - BARO | TempLabSuite 14 Cascade TempLabSuite 14 Cascade |

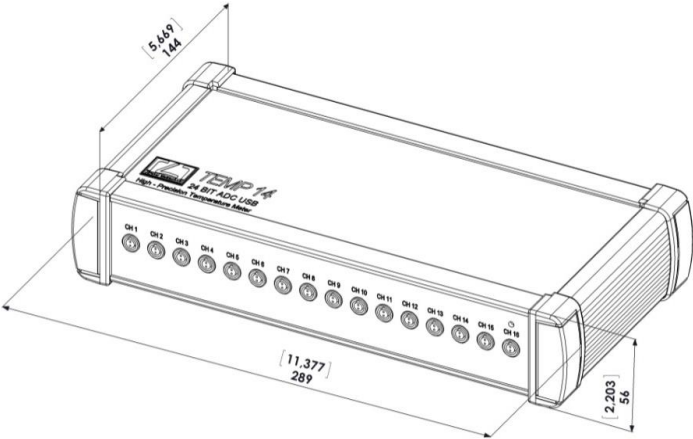
Transportkoffer
Transport case

| | | | |
|------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| |  |  |  |
| Artikelbestellnr.: <i>Order No.:</i> | 269300 - 3700 . 026 | 269300 - 3700 . 126 | 269300 - 3700 . 226 |
| <i>Page:</i> | G-1 | G-2 | G-3 |
| Name: <i>Description:</i> | TEMP 14 – Koffer TEMP 14 –case (small) | Transportkoffer - TEMP 14 (groß) Transport case -TEMP 14 (big) | Transportkoffer - TEMP 14 Transport case -TEMP 14 |

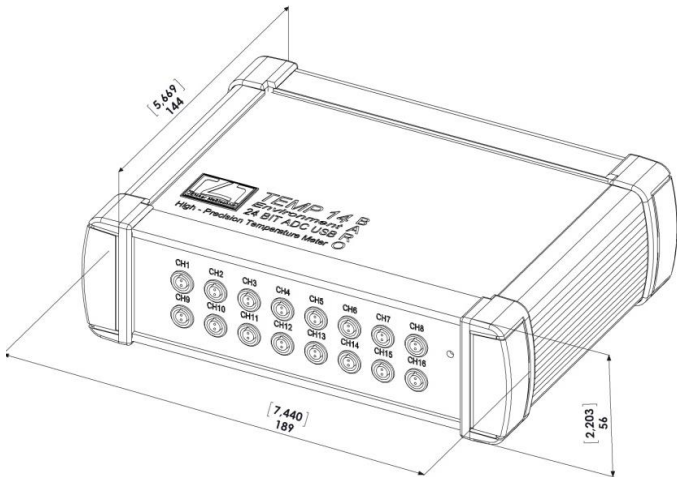
C. Auswertesysteme
C. Evaluation units
Mehrkanalige Auswertesysteme
Multi channel - evaluation units

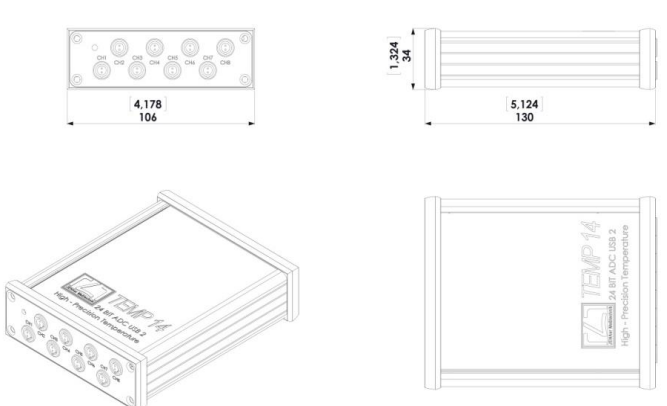
| | | |
|-----------------------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------|
| Temp 14 (8 Kanäle) <i>Temp 14 (8 channels)</i> | |  |
| Anzahl der Messkanäle: <i>Number of measuring channels:</i> | 8 | |
| Masse [g]: / <i>Weight [g]:</i> | 2076 | |
| Bestell-Nr. / <i>Order No.:</i> 269300 - 3980 . 826 | | |
| Messauflösung: <i>Measuring resolution:</i> | 0,1 mK (24 bit) | |
| Abtastrate: <i>Sampling rate:</i> | 1Hz | |
| Steckverbindung: <i>Socket connection:</i> | USB 2 | |
| Temp 14 (zweireihig) <i>Temp 14 (double-row)</i> | |  |
| Anzahl der Messkanäle: <i>Number of measuring channels:</i> | 16 | |
| Masse [g]: / <i>Weight [g]:</i> | 2076 | |
| Bestell-Nr. / <i>Order No.:</i> 269300 - 3984 . 526 | | |
| Messauflösung: <i>Measuring resolution:</i> | 0,1 mK (24 bit) | |
| Abtastrate: <i>Sampling rate:</i> | 1Hz | |
| Steckverbindung: <i>Socket connection:</i> | USB 2 | |

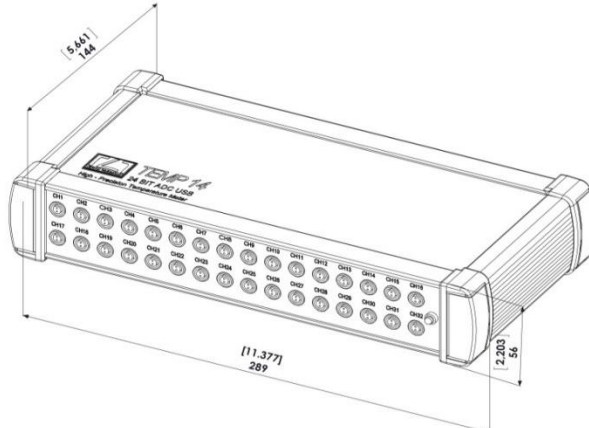
| | | |
|-----------------------------------------------------------------------|----------------------------|--------------------|
| Temp 14 (einreihig) <i>Temp 14 (single-row)</i> | | |
| Anzahl der Messkanäle: <i>Number of measuring channels:</i> | | 16 |
| Masse [g]: / <i>Weight [g]:</i> | | 1988 |
| Bestell-Nr. / <i>Order No.:</i> | 269300 - 3990 . 024 | |
| Messauflösung: <i>Measuring resolution:</i> | | 0,1 mK (24 bit) |
| Abtastrate: <i>Sampling rate:</i> | | 1Hz |
| Steckverbindung: <i>Socket connection:</i> | | USB 2 |



| | | |
|---------------------------------------------------------------------------|----------------------------|--------------------|
| Temp 14 –Baro (zweireihig) <i>Temp 14 – Baro (double-row)</i> | | |
| Anzahl der Messkanäle: <i>Number of measuring channels:</i> | | 16 |
| Masse [g]: / <i>Weight [g]:</i> | | 2565 |
| Bestell-Nr. / <i>Order No.:</i> | 269300 - 3984 . 626 | |
| Messauflösung: <i>Measuring resolution:</i> | | 0,1 mK (24 bit) |
| Abtastrate: <i>Sampling rate:</i> | | 1Hz |
| Luftdruck Barometer: <i>Barometric pressure range:</i> | | 700 - 1100 hPa |
| Genauigkeit Luftdruck: <i>Accuracy barometric pressure:</i> | | ±2 hPa |
| Messbereich Feuchte: <i>Humidity measuring range:</i> | | 0 - 100 rF % |
| Genauigkeit Feuchtemessung: <i>Accuracy humidity measuring:</i> | | ±3,5 rF % |
| Steckverbindung: <i>Socket connection:</i> | | USB 2 |

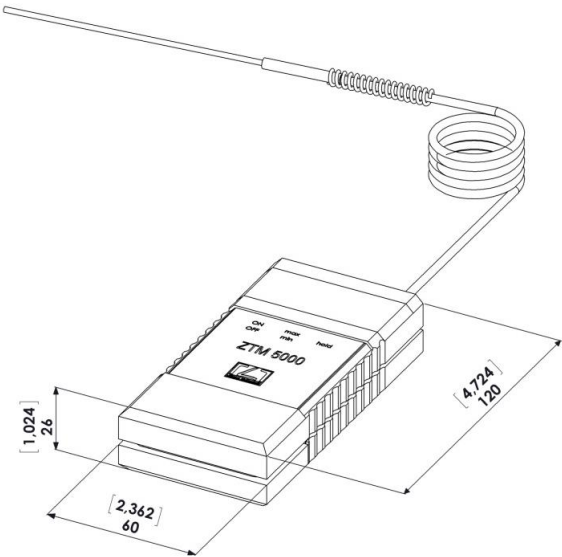


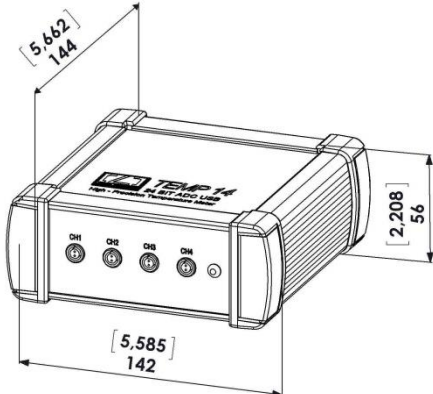
| | | |
|-----------------------------------------------------------------------|--------------------|------------------------------------------------------------------------------------|
| Temp 14 – (8 Kanäle) <i>Temp 14 – (8 channels)</i> | |  |
| Anzahl der Messkanäle: <i>Number of measuring channels:</i> | 8 | |
| Masse [g]: / <i>Weight [g]:</i> | 950 | |
| Bestell-Nr. / <i>Order No.:</i> 269300 - 3984 . 026 | | |
| Messauflösung: <i>Measuring resolution:</i> | 0,1 mK (24 bit) | |
| Abtastrate: <i>Sampling rate:</i> | 1Hz | |
| Steckverbindung: <i>Socket connection:</i> | USB 2 | |

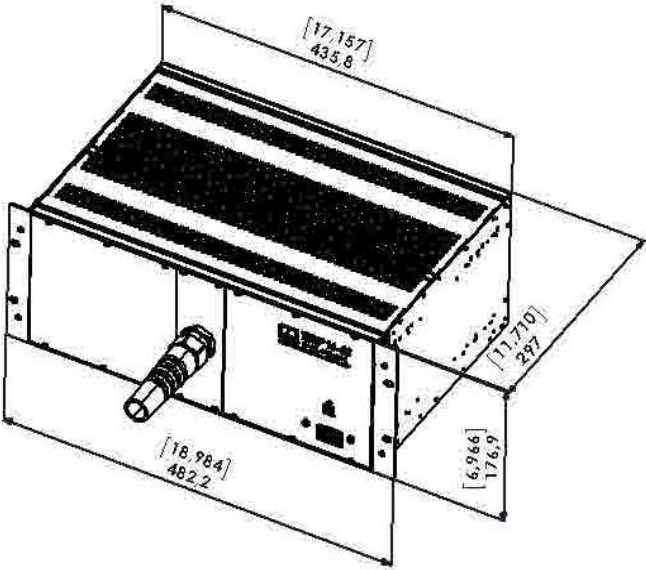
| | | |
|-----------------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------|
| Temp 14 (32 Kanäle) <i>Temp 14 (32 channels)</i> | |  |
| Anzahl der Messkanäle: <i>Number of measuring channels:</i> | 32 | |
| Masse [g]: / <i>Weight [g]:</i> | 2654 | |
| Bestell-Nr. / <i>Order No.:</i> 269300 - 3990 . 124 | | |
| Messauflösung: <i>Measuring resolution:</i> | 0,1 mK (24 bit) | |
| Abtastrate: <i>Sampling rate:</i> | 1Hz | |
| Steckverbindung: <i>Socket connection:</i> | USB 2 | |

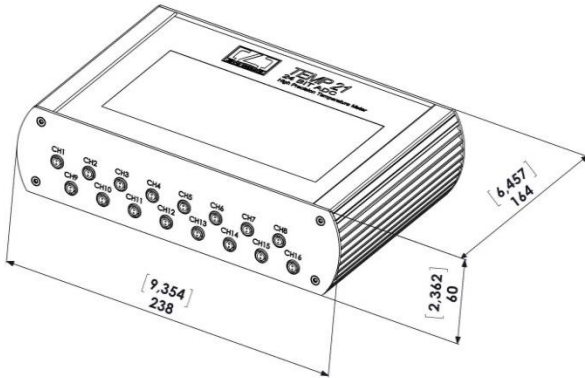
Einzelgerät - Auswertesystem

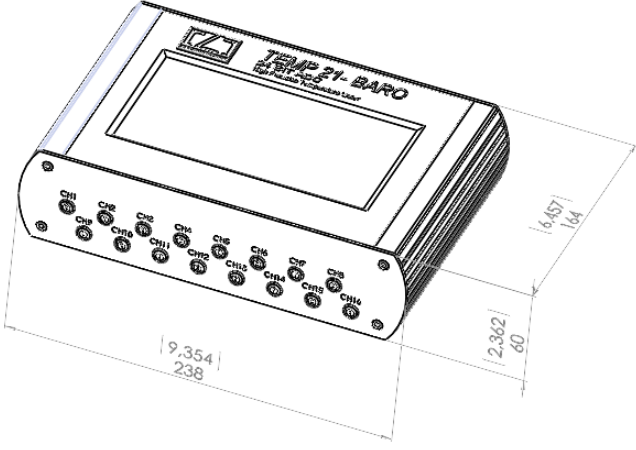
Stand-alone - evaluation unit

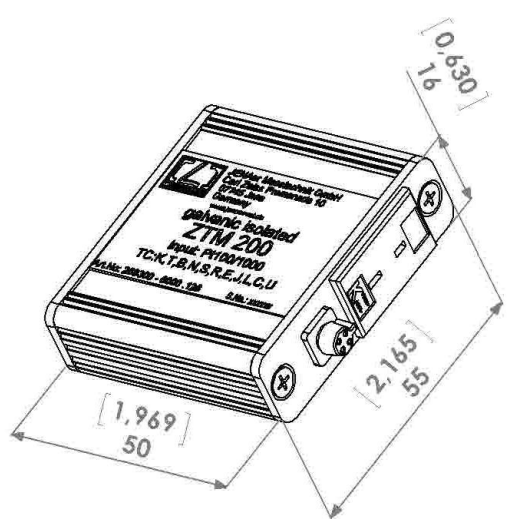
| | | |
|-----------------------------------------------------------------------|--------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| ZTM 5000 <i>ZTM 5000</i> | |  |
| Anzahl der Messkanäle: <i>Number of measuring channels:</i> | 1 | |
| Masse [g]: / <i>Weight [g]:</i> | 130 | |
| Bestell-Nr. / <i>Order No.:</i> 269300 – 6000 . 026 | | |
| Messauflösung: <i>Measuring resolution:</i> | 10mK | |
| Gesamtgenauigkeit: <i>Overall accuracy:</i> | $\pm 0,03^{\circ}\text{C} \pm 1 \text{ Digit}$ | |
| Abtastrate: <i>Sampling rate:</i> | 1Hz | |
| Eingang: <i>Input:</i> | PT 100 (fest verbunden) PT 100 (<i>permanently connected</i>) | |
| Messbereich: <i>Measurement range :</i> | -20 ... 110°C | |

| | | |
|-----------------------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------|
| Temp 14 (4 Kanäle) <i>Temp 14 (4 channels)</i> | |  |
| Anzahl der Messkanäle: <i>Number of measuring channels:</i> | 4 | |
| Masse [g]: / <i>Weight [g]:</i> | 1800 | |
| Bestell-Nr. / <i>Order No.:</i> 269300 - 3990 . 024 | | |
| Messauflösung: <i>Measuring resolution:</i> | 0,1 mK (24 bit) | |
| Abtastrate: <i>Sampling rate:</i> | 1Hz | |
| Steckverbindung: <i>Socket connection:</i> | USB 2 | |

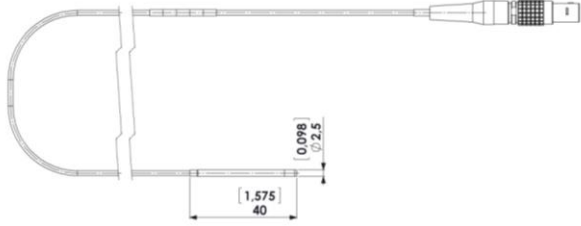
| | | |
|-----------------------------------------------------------------------|------------------------------|------------------------------------------------------------------------------------|
| Temp 14 (96 Kanäle) <i>Temp 21 (96 channels)</i> | |  |
| Anzahl der Messkanäle: <i>Number of measuring channels:</i> | 96 | |
| Masse [g]: / <i>Weight [g]:</i> | 3874 | |
| Bestell-Nr. / <i>Order No.:</i> 269300 – 3984 . 926 | | |
| Messauflösung: <i>Measuring resolution:</i> | 0,1 mK (24 bit) | |
| Abtastrate: <i>Sampling rate:</i> | 1Hz | |
| Steckverbindung: <i>Socket connection:</i> | USB 2 / LAN Optional WLAN | |

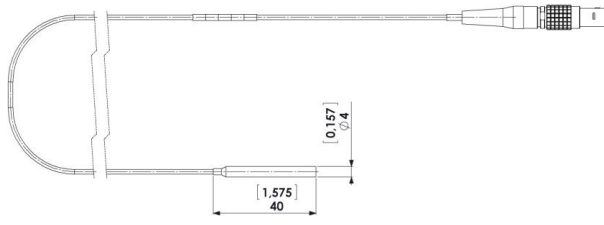
| | | |
|-----------------------------------------------------------------------|------------------------------|--------------------------------------------------------------------------------------|
| Temp 21 (16 Kanäle) <i>Temp 21 (16 channels)</i> | |  |
| Anzahl der Messkanäle: <i>Number of measuring channels:</i> | 16 | |
| Masse [g]: / <i>Weight [g]:</i> | 3874 | |
| Bestell-Nr. / <i>Order No.:</i> 269300 - 3990 . 026 | | |
| Messauflösung: <i>Measuring resolution:</i> | 0,1 mK (24 bit) | |
| Abtastrate: <i>Sampling rate:</i> | 1Hz | |
| Steckverbindung: <i>Socket connection:</i> | USB 2 / LAN Optional WLAN | |

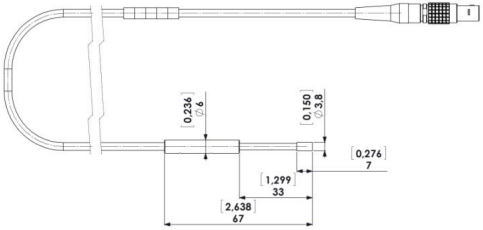
| | | |
|---------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------|
| Temp 21 Baro <i>Temp 21 Baro</i> | |  |
| Anzahl der Messkanäle: <i>Number of measuring channels:</i> | 16 | |
| Masse [g]: / <i>Weight [g]:</i> | 3925 | |
| Bestell-Nr. / <i>Order No.:</i> 269300 - 3991 . 226 | | |
| Messauflösung: <i>Measuring resolution:</i> | 0,1 mK (24 bit) | |
| Abtastrate: <i>Sampling rate:</i> | 1Hz | |
| Luftdruck Barometer: Barometric pressure range: | 700 - 1100 hPa | |
| Genauigkeit Luftdruck: Accuracy barometric pressure: | ±2 hPa | |
| Messbereich Feuchte: Humidity measuring range: | 0 - 100 rF % | |
| Genauigkeit Feuchtemessung: Accuracy humidity measuring: | ±3,5 rF % | |
| Steckverbindung: <i>Socket connection:</i> | USB 2 / LAN Optional WLAN | |

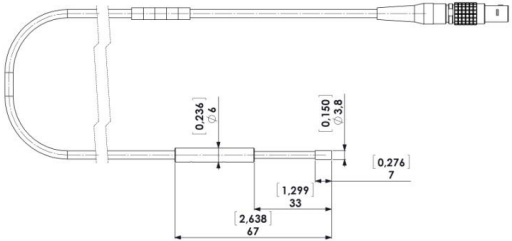
| | | |
|----------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------|
| ZTM 200 (Pt100/1000) ZTM 200 (Pt100/1000) | |  |
| Anzahl der Messkanäle: Number of measuring channels: | 1 | |
| Masse [g]: / <i>Weight [g]:</i> | 18 | |
| Bestell-Nr. / <i>Order No.:</i> 269300 - 6000 . 126 | | |
| Messauflösung: <i>Measuring resolution:</i> | 10 mK | |
| Abtastrate: <i>Sampling rate:</i> | 3Hz | |
| Steckverbindung: <i>Socket connection:</i> | Mini -USB | |

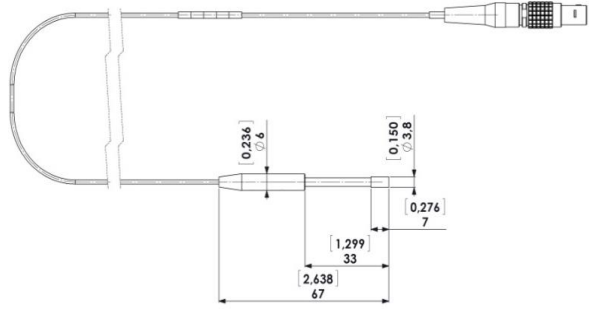
D. Temperatursensoren
D. Temperature sensors

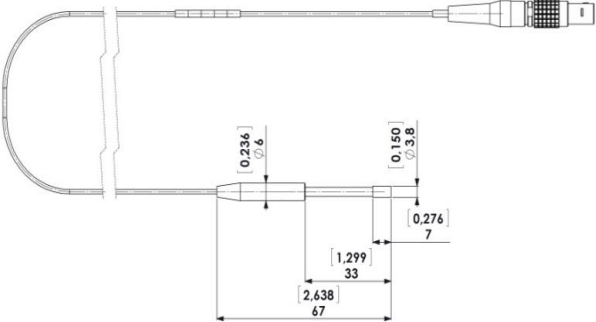
| | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|------------------------------------------------------------------------------------|
| Spezialtemperaturfühler 40 (2,5) <i>Special temperature sensor 40 (2.5)</i> | |  |
| Sensortyp: | NTC | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | ±10 mK | |
| Kabelmaterial: Cable material: | PFA (Ø 4,0 mm) | |
| Messbereich: Measurement range: | 0.... +60 °C 32 ...140°F | |
| Bestell-Nr. / Order No.: | | Kabellänge [m]: cable length: |
| 263900 - 3845 . 024 | | 5 |
| 269300 - 3845 . 025 | | 10 |
| 269300 - 3825 . 026 | | 15 |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: | | |
| 269300 - 3900 . 053 / Kabelmaterial/ Länge in [m] 269300 - 3900 . 053 / cable material /length in [m] z.B.: / e.g.: 269300 – 3900 . 053 / PFA / 7,5 | | |

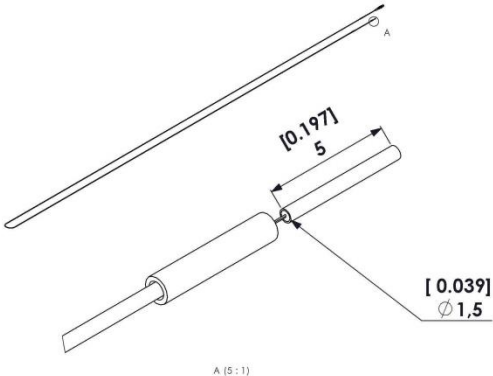
| | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|--------------------------------------------------------------------------------------|
| Spezialtemperaturfühler 40 (4.0) <i>Special temperature sensor 40 (4.0)</i> | |  |
| Sensortyp: | NTC | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | ±10 mK | |
| Kabelmaterial: Cable material: | PFA (Ø 1,8 mm) | |
| Messbereich: Measurement range: | 0.... +60 °C 32 ...140°F | |
| Bestell-Nr. / Order No.: | | Kabellänge [m]: cable length: |
| 263900 - 3845 . 124 | | 5 |
| 269300 - 3845 . 125 | | 10 |
| 269300 - 3825 . 126 | | 15 |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: | | |
| 269300 - 3900 . 054 / Kabelmaterial/ Länge in [m] 269300 - 3900 . 054 / cable material /length in [m] z.B.: / e.g.: 269300 – 3900 . 054 / PFA / 7,5 | | |

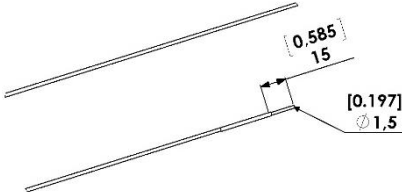
| | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------------------------------------------------------------------------------|
| Körperfühler 2 <i>Insertion temperature sensor 2</i> | |  |
| Sensortyp: | NTC | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | ± 25 mK | |
| Kabelmaterial: Cable material: | PVC (Ø 3,5 mm) | |
| Messbereich: Measurement range: | 0... +60 °C 32 ...140°F | |
| Bestell-Nr. / Order No.: | | Kabellänge [m]: cable length: |
| 269300 - 3903 . 624 | | 5 |
| 269300 - 3903 . 724 | | 10 |
| 269300 - 3903 . 824 | | 15 |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: | | |
| 269300 - 3900 . 002 / Kabelmaterial/ Länge in [m] 269300 - 3900 . 002 / cable material /length in [m] z.B.: / e.g.: 269300 – 3900 . 002 / PVC / 7,5 | | |

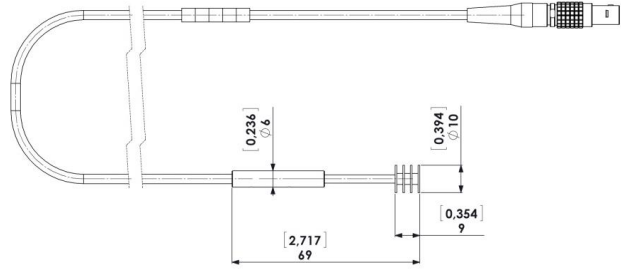
| | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------------------------------------------------------------------|
| Körperfühler 2 <i>Insertion temperature sensor 2</i> | |  |
| Sensortyp: | NTC | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | ± 25 mK | |
| Kabelmaterial: Cable material: | Teflon (Ø 3,5 mm) | |
| Messbereich: Measurement range: | 0... +60 °C 32 ...140°F | |
| Bestell-Nr. / Order No.: | | Kabellänge [m]: cable length: |
| 263900 - 3953 . 624 | | 5 |
| 269300 - 3953 . 724 | | 10 |
| 269300 - 3953 . 824 | | 15 |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: | | |
| 269300 - 3900 . 002 / Kabelmaterial/ Länge in [m] 269300 - 3900 . 002 / cable material /length in [m] z.B.: / e.g.: 269300 – 3900 . 002 / Teflon / 7,5 | | |

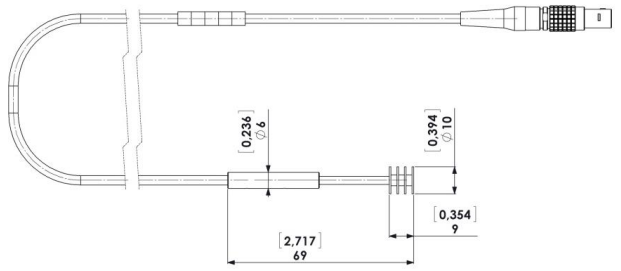
| | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------------------------------------------------------------------------------|
| Körperfühler 3 (lösungsmittelresistent) <i>Insertion temperature sensor 3</i> <i>(solvent-resistant)</i> | |  |
| Sensortyp: | NTC | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | ±25 mK | |
| Kabelmaterial: Cable material: | PVC (Ø 1,8 mm) | |
| Messbereich: Measurement range: | 0... +60 °C 32 ...140°F | |
| Bestell-Nr. / Order No.: | | Kabellänge [m]: cable length: |
| 263900 - 3963 . 624 | | 5 |
| 269300 - 3963 . 724 | | 10 |
| 269300 - 3963 . 824 | | 15 |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: | | |
| 269300 - 3900 . 021 / Kabelmaterial/ Länge in [m] 269300 - 3900 . 021 / cable material /length in [m] z.B.: / e.g.: 269300 – 3900 . 021 / PVC / 7,5 | | |

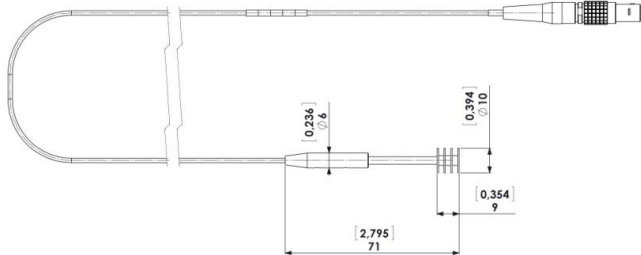
| | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------------------------------------------------------------------|
| Körperfühler 3 (lösungsmittelresistent) <i>Insertion temperature sensor 3</i> <i>(solvent-resistant)</i> | |  |
| Sensortyp: | NTC | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | ±25 mK | |
| Kabelmaterial: Cable material: | Teflon (Ø 1,5 mm) | |
| Messbereich: Measurement range: | 0... +60 °C 32 ...140°F | |
| Bestell-Nr. / Order No.: | | Kabellänge [m]: cable length: |
| 263900 - 3973 . 624 | | 5 |
| 269300 - 3973 . 724 | | 10 |
| 269300 - 3973 . 824 | | 15 |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: | | |
| 269300 - 3900 . 021 / Kabelmaterial/ Länge in [m] 269300 - 3900 . 021 / cable material /length in [m] z.B.: / e.g.: 269300 – 3900 . 021 / Teflon / 7,5 | | |

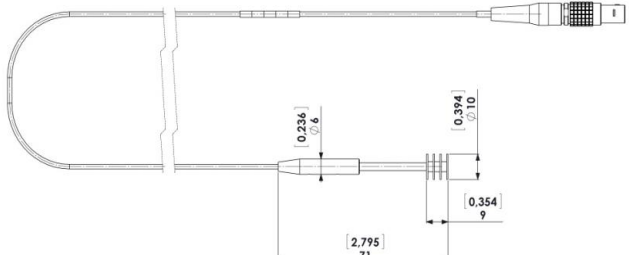
| | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|------------------------------------------------------------------------------------|
| Spezialtemperaturfühler Ø1,5 – wasserfester Körperfühler <i>Special temperature sensor Ø1.5 - sensor water resistance</i> | |  |
| Sensortyp: | NTC | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | ±10 mK | |
| Kabelmaterial: Cable material: | Teflon (Ø 1,5 mm) | |
| Messbereich: Measurement range: | 0.... +50 °C 32 ...122°F | |
| Bestell-Nr. / Order No.: | | Kabellänge [m]: cable length: |
| 263900 - 3991 . 024 | | 5 |
| 269300 - 3991 . 025 | | 10 |
| 269300 - 3991 . 026 | | 15 |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: | | |
| 269300 - 3900 . 056 / Kabelmaterial/ Länge in [m] 269300 - 3900 . 056 / cable material / length in [m] z.B.: / e.g.: 269300 – 3900 . 056 / Teflon / 4,5 | | |

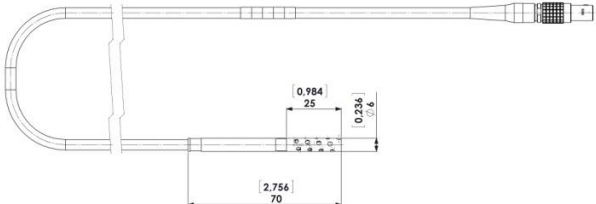
| | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|--------------------------------------------------------------------------------------|
| Spezialtemperaturfühler Ø1,5 für Sensormatrix <i>Special temperature sensor Ø1.5 for sensor matrix</i> | |  |
| Sensortyp: | NTC | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | ±10 mK | |
| Kabelmaterial: Cable material: | Teflon (Ø 1,5 mm) | |
| Messbereich: Measurement range: | 0.... +50 °C 32 ...122°F | |
| Bestell-Nr. / Order No.: | | Kabellänge [m]: cable length: |
| 263900 - 3018 . 024 | | 5 |
| 269300 - 3018 . 025 | | 10 |
| 269300 - 3018 . 026 | | 15 |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: | | |
| 269300 - 3900 . 069 / Kabelmaterial/ Länge in [m] 269300 - 3900 . 069 / cable material / length in [m] z.B.: / e.g.: 269300 – 3900 . 069 / Teflon / 7,5 | | |

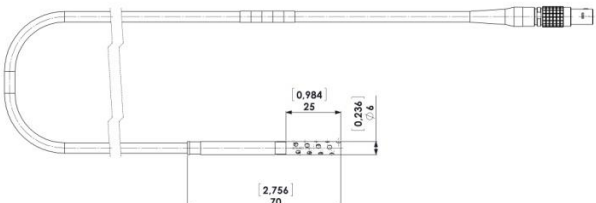
| | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------------------------------------------------------------------------------|
| Lufttemperaturfühler A <i>Air temperature sensor A</i> | |  |
| Sensortyp: | NTC | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | ±25 mK | |
| Kabelmaterial: Cable material: | PVC (Ø 3,5 mm) | |
| Messbereich: Measurement range: | 0... +50 °C 32 ...122°F | |
| Bestell-Nr. / Order No.: | | Kabellänge [m]: cable length: |
| 263900 - 3904 . 424 | | 5 |
| 269300 - 3904 . 524 | | 10 |
| 269300 - 3904 . 624 | | 15 |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: | | |
| 269300 - 3900 . 004 / Kabelmaterial/ Länge in [m] 269300 - 3900 . 004 / cable material /length in [m] z.B.: / e.g.: 269300 – 3900 . 004 / PVC / 7,5 | | |

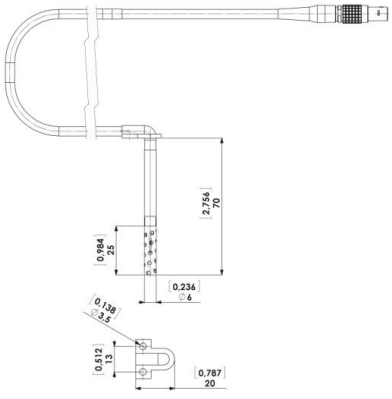
| | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------------------------------------------------------------------|
| Lufttemperaturfühler A <i>Air temperature sensor A</i> | |  |
| Sensortyp: | NTC | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | ±25 mK | |
| Kabelmaterial: Cable material: | Teflon (Ø 3,5 mm) | |
| Messbereich: Measurement range: | 0... +50 °C 32 ...122°F | |
| Bestell-Nr. / Order No.: | | Kabellänge [m]: cable length: |
| 263900 - 3954 . 424 | | 5 |
| 269300 - 3954 . 524 | | 10 |
| 269300 - 3954 . 624 | | 15 |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: | | |
| 269300 - 3900 . 004 / Kabelmaterial/ Länge in [m] 269300 - 3900 . 004 / cable material /length in [m] z.B.: / e.g.: 269300 – 3900 . 004 / PVC / 7,5 | | |

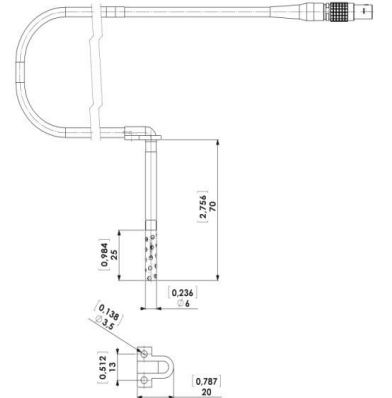
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| Lufttemperaturfühler B <i>Air temperature sensor B</i> | |  |
| Sensortyp: | NTC | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | ±25 mK | |
| Kabelmaterial: Cable material: | PVC (Ø 1,8 mm) | |
| Messbereich: Measurement range: | 0... +50 °C 32 ...122°F | |
| Bestell-Nr. / Order No.: | | Kabellänge [m]: cable length: |
| | 263900 - 3964 . 424 | 5 |
| | 269300 - 3964 . 524 | 10 |
| | 269300 - 3964 . 624 | 15 |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: | | |
| 269300 - 3900 . 023 / Kabelmaterial/ Länge in [m] 269300 - 3900 . 023 / cable material /length in [m] z.B.: / e.g.: 269300 – 3900 . 023 / PVC / 7,5 | | |

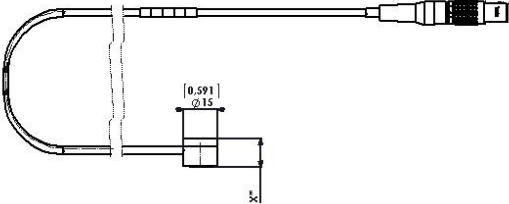
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| Lufttemperaturfühler B <i>Air temperature sensor B</i> | |  |
| Sensortyp: | NTC | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | ±25 mK | |
| Kabelmaterial: Cable material: | Teflon (Ø 2,0 mm) | |
| Messbereich: Measurement range: | 0... +50 °C 32 ...122°F | |
| Bestell-Nr. / Order No.: | | Kabellänge [m]: cable length: |
| | 263900 - 3974 . 424 | 5 |
| | 269300 - 3974 . 524 | 10 |
| | 269300 - 3974 . 624 | 15 |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: | | |
| 269300 - 3900 . 023 / Kabelmaterial/ Länge in [m] 269300 - 3900 . 023 / cable material /length in [m] z.B.: / e.g.: 269300 – 3900 . 023 / Teflon / 8,5 | | |

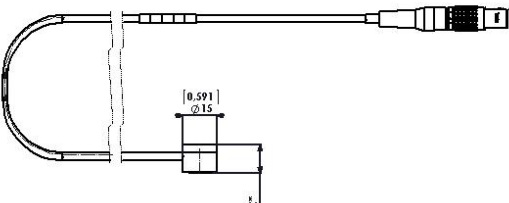
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| Lufttemperaturfühler C <i>Air temperature sensor C</i> | |  |
| Sensortyp: | NTC | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | ±20 mK | |
| Kabelmaterial: Cable material: | PVC (Ø 4 mm) | |
| Messbereich: Measurement range: | 0... +50 °C 32 ...122°F | |
| Bestell-Nr. / Order No.: | | Kabellänge [m]: cable length: |
| | 263900 - 3860 . 024 | 5 |
| | 263900 - 3860 . 025 | 10 |
| | 263900 - 3860 . 026 | 15 |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: | | |
| 269300 - 3900 . 043 / Kabelmaterial/ Länge in [m] 269300 - 3900 . 043 / cable material /length in [m] z.B.: / e.g.: 269300 – 3900 . 043 / Teflon / 8,5 | | |

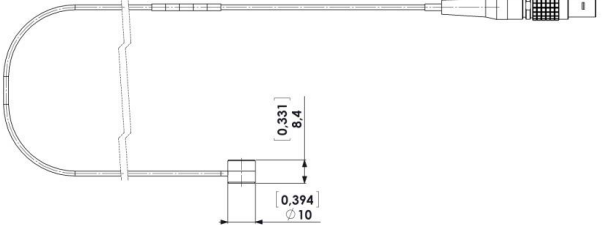
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|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------------------------------------------------------------------|
| Lufttemperaturfühler C <i>Air temperature sensor C</i> | |  |
| Sensortyp: | NTC | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | ±20 mK | |
| Kabelmaterial: Cable material: | Teflon (Ø 4 mm) | |
| Messbereich: Measurement range: | 0... +50 °C 32 ...122°F | |
| Bestell-Nr. / Order No.: | | Kabellänge [m]: cable length: |
| | 263900 - 3860 . 124 | 5 |
| | 263900 - 3860 . 125 | 10 |
| | 263900 - 3860 . 126 | 15 |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: | | |
| 269300 - 3900 . 043 / Kabelmaterial/ Länge in [m] 269300 - 3900 . 043 / cable material /length in [m] z.B.: / e.g.: 269300 – 3900 . 043 / Teflon / 8,5 | | |

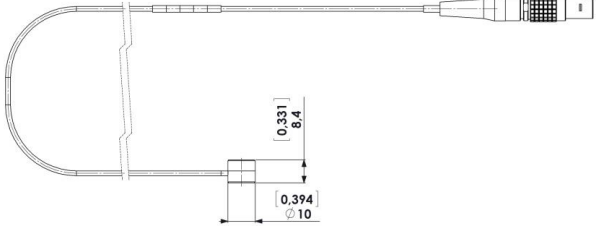
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| Lufttemperaturfühler D - 90°abgewinkelt <i>Air temperature sensor D – 90° offset</i> | |  |
| Sensortyp: | NTC | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | ±20 mK | |
| Kabelmaterial: Cable material: | PVC (Ø 4,8 mm) | |
| Messbereich: Measurement range: | 0... +50 °C 32 ...122°F | |
| Bestell-Nr. / Order No.: | | Kabellänge [m]: cable length: |
| 263900 - 3861 . 024 | | 5 |
| 263900 - 3861 . 025 | | 10 |
| 263900 - 3861 . 026 | | 15 |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: | | |
| 269300 - 3900 . 044 / Kabelmaterial/ Länge in [m] 269300 - 3900 . 044 / cable material /length in [m] z.B.: / e.g.: 269300 – 3900 . 044 / PVC / 9,5 | | |

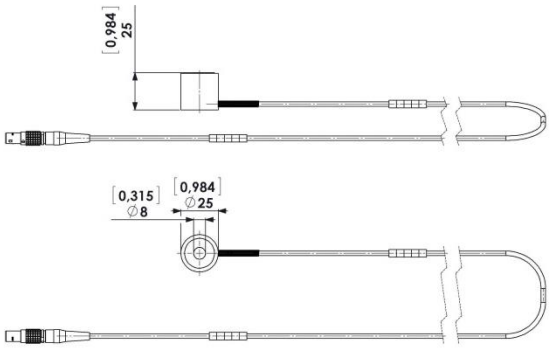
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| Lufttemperaturfühler D - 90°abgewinkelt <i>Air temperature sensor D – 90° offset</i> | |  |
| Sensortyp: | NTC | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | ±20 mK | |
| Kabelmaterial: Cable material: | Teflon (Ø 4,7 mm) | |
| Messbereich: Measurement range: | 0... +50 °C 32 ...122°F | |
| Bestell-Nr. / Order No.: | | Kabellänge [m]: cable length: |
| 263900 - 3861 . 124 | | 5 |
| 263900 - 3861 . 125 | | 10 |
| 263900 - 3861 . 126 | | 15 |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: | | |
| 269300 - 3900 . 044 / Kabelmaterial/ Länge in [m] 269300 - 3900 . 044 / cable material /length in [m] z.B.: / e.g.: 269300 – 3900 . 044 / Teflon / 8,5 | | |

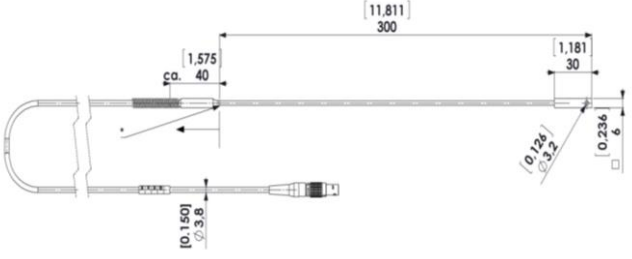
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| Oberflächentemperaturfühler 1 (Präzision) <i>Surface temperature sensor 1 (precision sensor)</i> | |  |
| Sensortyp: | NTC | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | ±10 mK | |
| Kabelmaterial: Cable material: | PVC / PUR (Ø 1,8 mm) | |
| Messbereich: Measurement range: | 0.... +60 °C 32 ...140°F | |
| Bestell-Nr. / Order No.: 263900 - 3905 . 224 -X 269300 - 3905 . 324 - X 269300 - 3905 . 424 - X X = 12,4mm 8,4 mm | | Kabellänge [m]: cable length: 5 10 15 |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: 269300 - 3900 . 006 –Höhe / Kabelmaterial/ Länge in [m] 269300 - 3900 . 006 – height / cable material /length in [m] z.B.: / e.g.: 269300 – 3900 . 006 / PVC / 9,5 | | |

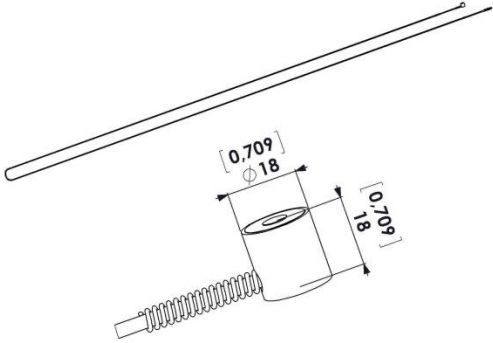
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| Oberflächentemperaturfühler 1 (Präzision) <i>Surface temperature sensor 1 (precision sensor)</i> | |  |
| Sensortyp: | NTC | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | ±10 mK | |
| Kabelmaterial: Cable material: | Teflon (Ø 1,5 mm) | |
| Messbereich: Measurement range: | 0.... +60 °C 32 ...140°F | |
| Bestell-Nr. / Order No.: 263900 - 3965 . 224 -X 269300 - 3965 . 324- X 269300 - 3965 . 424 -X X = 12,4mm 8,4 mm | | Kabellänge [m]: cable length: 5 10 15 |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: 269300 - 3900 . 006 –Höhe / Kabelmaterial/ Länge in [m] 269300 - 3900 . 006 – height / cable material /length in [m] z.B.: / e.g.: 269300 – 3900 . 006 / PVC / 9,5 | | |

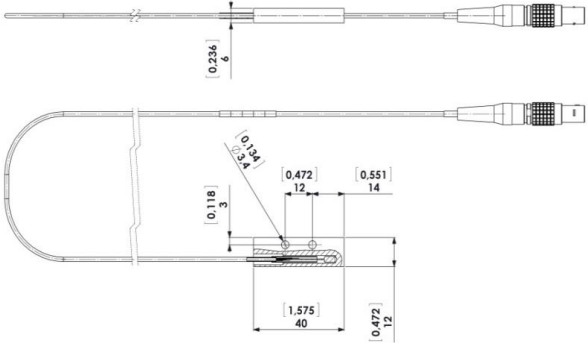
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| Oberflächentemperaturfühler 2 (Standard) <i>Surface temperature sensor 2 (standard)</i> | |  |
| Sensortyp: | NTC | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | ±25 mK | |
| Kabelmaterial: Cable material: | PVC (Ø 1,8 mm) | |
| Messbereich: Measurement range: | 0... +60 °C 32 ...140°F | |
| Bestell-Nr. / Order No.: | | Kabellänge [m]: cable length: |
| 263900 - 3904 . 824 | | 5 |
| 269300 - 3904 . 924 | | 10 |
| 269300 - 3905 . 024 | | 15 |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: | | |
| 269300 - 3900 . 005 / Kabelmaterial/ Länge in [m] 269300 - 3900 . 005 / cable material /length in [m] z.B.: / e.g.: 269300 – 3900 . 005 / PVC / 9,05 | | |

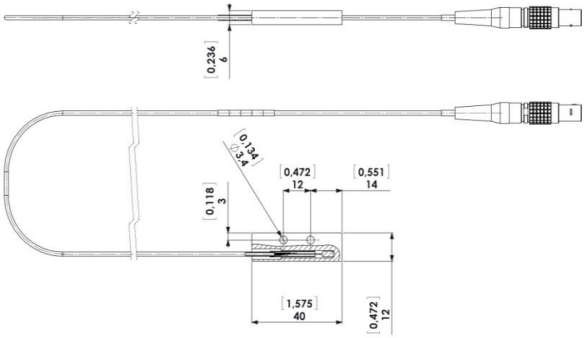
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| Oberflächentemperaturfühler 2 (Standard) <i>Surface temperature sensor 2 (standard)</i> | |  |
| Sensortyp: | NTC | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | ±25 mK | |
| Kabelmaterial: Cable material: | Teflon (Ø 1,5 mm) | |
| Messbereich: Measurement range: | 0... +60 °C 32 ...140°F | |
| Bestell-Nr. / Order No.: | | Kabellänge [m]: cable length: |
| 263900 - 3964 . 824 | | 5 |
| 269300 - 3964 . 924 | | 10 |
| 269300 - 3965 . 024 | | 15 |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: | | |
| 269300 - 3900 . 005 / Kabelmaterial/ Länge in [m] 269300 - 3900 . 005 / cable material /length in [m] z.B.: / e.g.: 269300 – 3900 . 005 / Teflon / 3,1 | | |

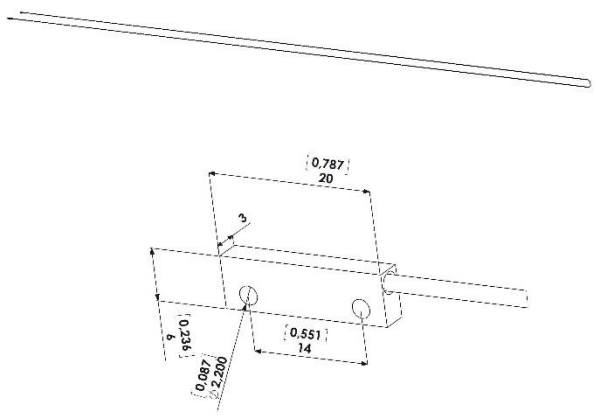
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| Oberflächentemperaturfühler 3 (mit Magnet) <i>Surface temperature sensor 3 (with magnet)</i> | |  |
| Sensortyp: | NTC | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | ±10 mK | |
| Kabelmaterial: Cable material: | PVC (Ø 3,0 mm) | |
| Messbereich: Measurement range: | 0... +60 °C 32 ...140°F | |
| Bestell-Nr. / Order No.: | | Kabellänge [m]: cable length: |
| 263900 - 3815 . 024 | | 5 |
| 269300 - 3815 . 025 | | 10 |
| 269300 - 3815 . 026 | | 15 |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: | | |
| 269300 - 3900 . 048 / Kabelmaterial/ Länge in [m] 269300 - 3900 . 048 / cable material /length in [m] z.B.: / e.g.: 269300 – 3900 . 048 / PVC / 7,5 | | |

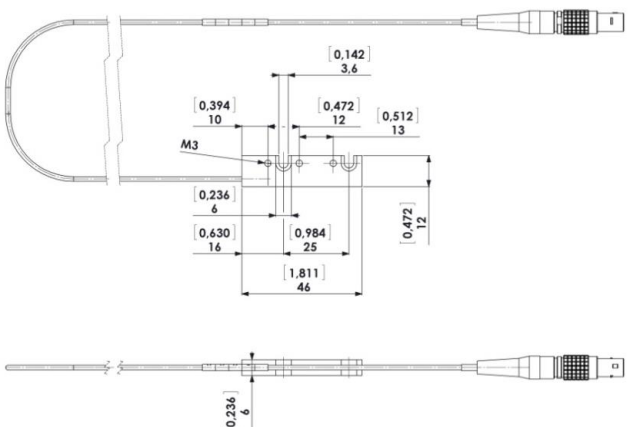
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| Oberflächentemperaturfühler 4 (mit quadratischem Grundkörper) <i>Surface temperature sensor 4 (with square contact surface)</i> | |  |
| Sensortyp: | PT10000 | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | +/-25mK | |
| Kabelmaterial: Cable material: | PVC (Ø 3,8 mm) | |
| Messbereich: Measurement range: | -40 +300 °C -40 ...+572° | |
| Bestell-Nr. / Order No.: | | Kabellänge [m]: cable length: |
| 263900 - 3840 . 024 | | 5 |
| 269300 - 3840 . 025 | | 10 |
| 269300 - 3840 . 026 | | 15 |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: | | |
| 269300 - 3900 . 055 / Kabelmaterial/ Länge in [m] 269300 - 3900 . 055 / cable material /length in [m] z.B.: / e.g.: 269300 – 3900 . 055 / 7,5 | | |

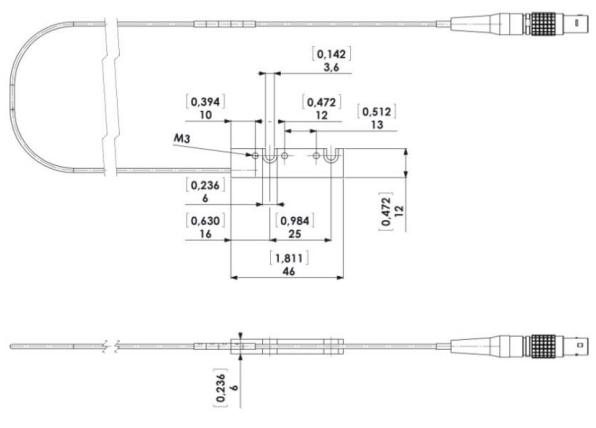
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| Oberflächentemperaturfühler 5 (mit Magnet) <i>Surface temperature sensor 5 (with magnet)</i> | |  |
| Sensortyp: | NTC | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | ±10mK | |
| Kabelmaterial: Cable material: | Pur (Ø 3 mm) | |
| Messbereich: Measurement range: | 0... +60 °C 32 ...140° | |
| Bestell-Nr. / Order No.: | Kabellänge [m]: cable length: | |
| 263900 - 3989 . 024 | 5 | |
| 269300 - 3989 . 025 | 10 | |
| 269300 - 3989 . 026 | 15 | |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: 269300 - 3900 . 057 / Kabelmaterial/ Länge in [m] 269300 - 3900 . 057 / cable material /length in [m] z.B.: / e.g.: 269300 – 3900 . 057 / 6,5 | | |

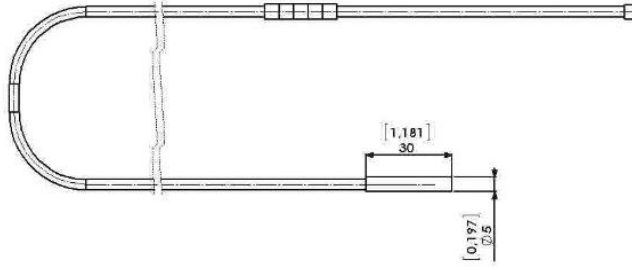
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| Einbautemperaturfühler "MESS" <i>Built-in Temperature sensor "MESS"</i> | |  |
| Sensortyp: | NTC | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | ±10 mK | |
| Kabelmaterial: Cable material: | PUR (Ø 3,0 mm) | |
| Messbereich: Measurement range: | 0... +60 °C 32 ...140°F | |
| Bestell-Nr. / Order No.: | Kabellänge [m]: cable length: | |
| 263900 - 3900 . 325 | 5 | |
| 269300 - 3900 . 425 | 10 | |
| 269300 - 3900 . 525 | 15 | |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: 269300 - 3900 . 036 / Kabelmaterial/ Länge in [m] 269300 - 3900 . 036 / cable material /length in [m] z.B.: / e.g.: 269300 – 3900 . 036 / PVC / 3,5 | | |

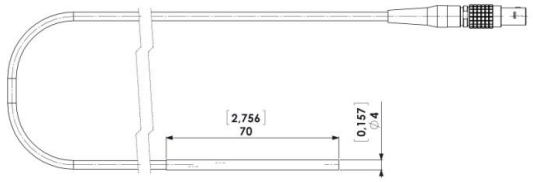
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| Einbautemperaturfühler "MESS" <i>Built-in Temperature sensor "MESS"</i> | |  |
| Sensortyp: | NTC | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | ±10 mK | |
| Kabelmaterial: Cable material: | Teflon (Ø 2,0 mm) | |
| Messbereich: Measurement range: | 0... +60 °C 32 ...140°F | |
| Bestell-Nr. / Order No.: | | Kabellänge [m]: cable length: |
| 263900 - 3960 . 325 | | 5 |
| 269300 - 3960 . 425 | | 10 |
| 269300 - 3960 . 525 | | 15 |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: 269300 - 3900 . 036 / Kabelmaterial/ Länge in [m] 269300 - 3900 . 036 / cable material /length in [m] z.B.: / e.g.: 269300 – 3900 . 036 / PVC / 3,5 | | |

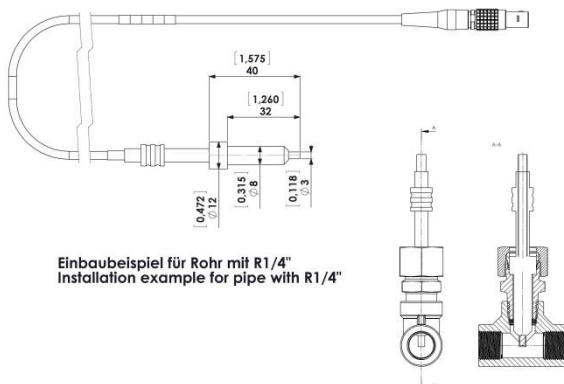
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| Einbautemperaturfühler "MESS RAPID" <i>Built-in Temperature sensor</i> "MESS RAPID" | |  |
| Sensortyp: | NTC | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | ±10 mK +/- (3-5)mK* | |
| Kabelmaterial: Cable material: | PVC (Ø 1,8 mm) | |
| Messbereich: Measurement range: | 0... +60 °C 20 – 24°C* 32 ...140°F 68 75.2°F* | |
| Bestell-Nr. / Order No.: | | Kabellänge [m]: cable length: |
| 263900 - 3988. 024 | | 5 |
| 269300 - 3988 . 025 | | 10 |
| 269300 - 3988 . 026 | | 15 |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: 269300 - 3900 . 068/ Kabelmaterial/ Länge in [m] 269300 - 3900 . 068 / cable material /length in [m] z.B.: / e.g.: 269300 – 3900 . 068 / PVC / 3,5 | | |

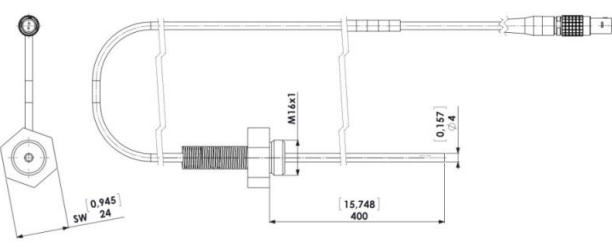
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| Einbautemperaturfühler "LITH" (Hochvakuum tauglich) <i>Built-in Temperature sensor</i> <i>"LITH" (HV suitable)</i> | |  |
| Sensortyp: | NTC | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | ±10 mK | |
| Kabelmaterial: Cable material: | Pur (Ø 3,0 mm) | |
| Messbereich: Measurement range: | 0... +60 °C 32 ...140°F | |
| Bestell-Nr. / Order No.: 263900 - 3900 . 925 269300 - 3901 . 025 269300 - 3901 . 125 | | Kabellänge [m]: cable length: 5 10 15 |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: 269300 - 3900 . 037 / Kabelmaterial/ Länge in [m] 269300 - 3900 . 037 / cable material /length in [m] z.B.: / e.g.: 269300 – 3900 . 037 / PVC / 3,5 | | |

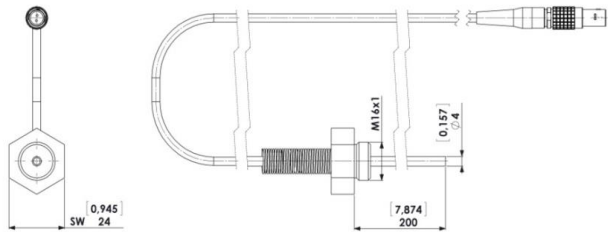
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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------------------------------------------------------------------|
| Einbautemperaturfühler "LITH" (Hochvakuum tauglich) <i>Built-in Temperature sensor</i> <i>"LITH" (HV suitable)</i> | |  |
| Sensortyp: | NTC | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | ±10 mK | |
| Kabelmaterial: Cable material: | Teflon (Ø 2,0 mm) | |
| Messbereich: Measurement range: | 0... +60 °C 32 ...140°F | |
| Bestell-Nr. / Order No.: 263900 - 3960 . 925 269300 - 3961 . 025 269300 - 3961 . 125 | | Kabellänge [m]: cable length: 5 10 15 |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: 269300 - 3900 . 037 / Kabelmaterial/ Länge in [m] 269300 - 3900 . 037 / cable material /length in [m] z.B.: / e.g.: 269300 – 3900 . 037 / Teflon / 3,5 | | |

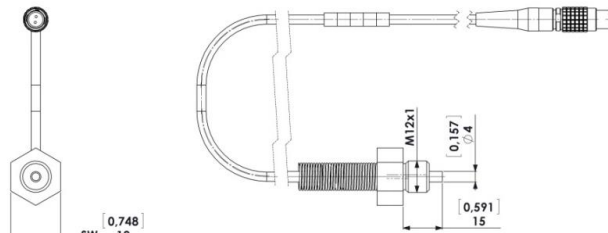
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| Spezialtemperaturfühler 30 (NTC-Spezial-Sensor) <i>NTC - special temperature sensor 30</i> | |  |
| Sensortyp: | NTC | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | ±10 mK | |
| Kabelmaterial: Cable material: | Teflon (Ø 3,5 mm) | |
| Messbereich: Measurement range: | 0... +60 °C 32 ...140°F | |
| Bestell-Nr. / Order No.: | | Kabellänge [m]: cable length: |
| Luft | | 5 |
| 269300 - 3982 . 824 | | 10 |
| 269300 - 3982 . 924 | | 15 |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: | | |
| 269300 - 3900 . 038 / Kabelmaterial/ Länge in [m] | | |
| 269300 - 3900 . 038 / cable material /length in [m] | | |
| z.B.: / e.g.: 269300 – 3900 . 038 / Teflon / 3,5 | | |

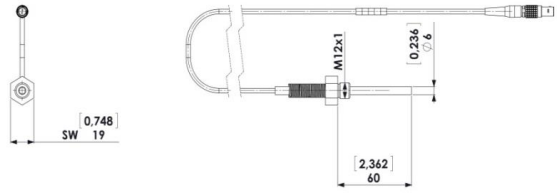
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| Spezialtemperaturfühler 70 <i>Special temperature sensor 70</i> | |  |
| Sensortyp: | PT 10000 | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | ±100mK | |
| Kabelmaterial: Cable material: | Glasseiden-isoliertes Kabel (Ø 3,5 mm) glass silk – insulated cable | |
| Messbereich: Measurement range: | -200.... +320 °C -328 ...608°F | |
| Bestell-Nr. / Order No.: | | Kabellänge [m]: cable length: |
| 263900 - 3980 . 926 | | 5 |
| 269300 - 3983 . 924 | | 10 |
| 269300 - 3983 . 925 | | 15 |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: | | |
| 269300 - 3900 . 045 / Kabelmaterial/ Länge in [m] | | |
| 269300 - 3900 . 045 / cable material /length in [m] | | |
| z.B.: / e.g.: 269300 – 3900 . 045 / Teflon / 3,5 | | |

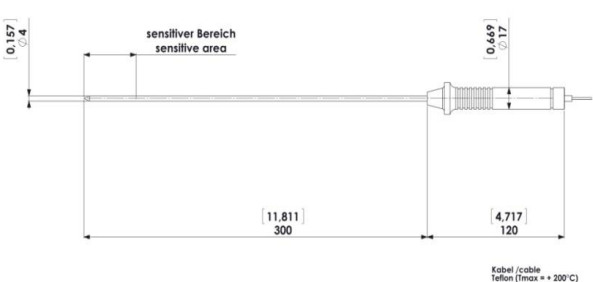
| | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Einschraubsensor (druckdicht für Flüssigkeiten u. Gase) <i>Screw-in temperature sensor</i> <i>(pressure-tight for liquids and gases)</i> | |  <p>Einbaubeispiel für Rohr mit R1/4" Installation example for pipe with R1/4"</p> |
| Sensortyp: | NTC | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | ±25mK | |
| Kabelmaterial: Cable material: | Teflon (∅ 3,5 mm) | |
| Messbereich: Measurement range: | 0... +50 °C 32 ...122°F | |
| Bestell-Nr. / Order No.: | | Kabellänge [m]: cable length: |
| | 263900 - 3983 . 024 | 5 |
| | 263900 - 3983 . 124 | 10 |
| | 263900 - 3983 . 224 | 15 |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: | | |
| 269300 - 3900 . 039 / Kabelmaterial/ Länge in [m] 269300 - 3900 . 039 / cable material /length in [m] z.B.: / e.g.: 269300 – 3900 . 039 / Teflon / 3,5 | | |

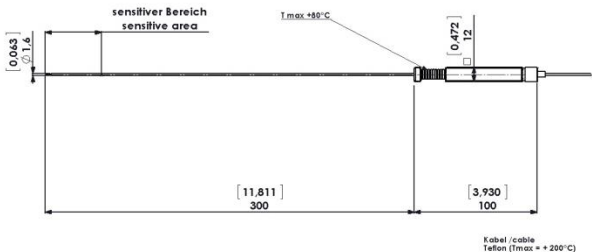
| | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------|
| Einschraubtemperatursensor 1 <i>Screw-in temperature sensor 1</i> | |  |
| Sensortyp: | PT10000 | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | ±100mK | |
| Kabelmaterial: Cable material: | Teflon (∅ 3,5 mm) | |
| Messbereich: Measurement range: | -180 ... 250 °C -292 ...482°F | |
| Bestell-Nr. / Order No.: | | Kabellänge [m]: cable length: |
| | 263900 - 3850 . 024 | 5 |
| | 263900 - 3850 . 025 | 10 |
| | 263900 - 3850 . 026 | 15 |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: | | |
| 269300 - 3900 . 040 / Kabelmaterial/ Länge in [m] 269300 - 3900 . 040 / cable material /length in [m] z.B.: / e.g.: 269300 – 3900 . 040 / Teflon / 3,5 | | |

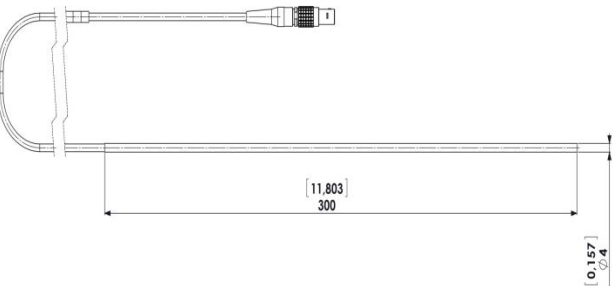
| Einschraubtemperatursensor 2 <i>Screw-in temperature sensor 2</i> | |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|------------------------------------------------------------------------------------|
| Sensortyp: | PT10000 | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | ±100mK | |
| Kabelmaterial: Cable material: | Teflon (Ø 3,5 mm) | |
| Messbereich: Measurement range: | -180 ... 250 °C -292 ... 482 °F | |
| Bestell-Nr. / Order No.: | | Kabellänge [m]: cable length: |
| | 263900 - 3850 . 124 | 5 |
| | 263900 - 3850 . 125 | 10 |
| | 263900 - 3850 . 126 | 15 |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: | | |
| 269300 - 3900 . 041 / Kabelmaterial/ Länge in [m] 269300 - 3900 . 041 / cable material /length in [m] z.B.: / e.g.: 269300 – 3900 . 041 / Teflon / 3,5 | | |

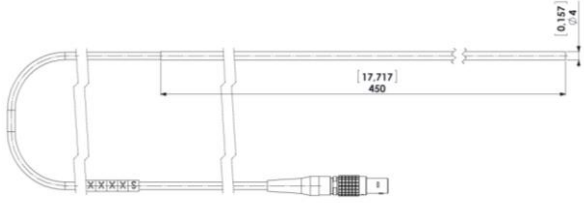
| Einschraubtemperatursensor 3 <i>Screw-in temperature sensor 3</i> | |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------|
| Sensortyp: | PT10000 | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | ±100mK | |
| Kabelmaterial: Cable material: | Teflon (Ø 3,5 mm) | |
| Messbereich: Measurement range: | -180 ... 250 °C -292 ... 482 °F | |
| Bestell-Nr. / Order No.: | | Kabellänge [m]: cable length: |
| | 263900 - 3850 . 224 | 5 |
| | 263900 - 3850 . 225 | 10 |
| | 263900 - 3850 . 226 | 15 |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: | | |
| 269300 - 3900 . 042 / Kabelmaterial/ Länge in [m] 269300 - 3900 . 042 / cable material /length in [m] z.B.: / e.g.: 269300 – 3900 . 042 / Teflon / 3,5 | | |

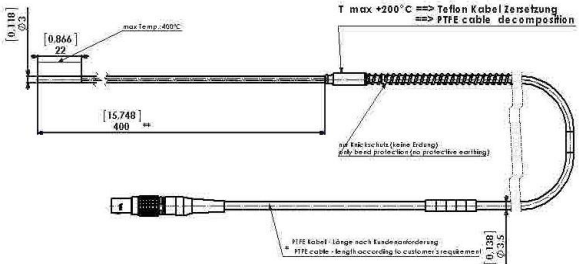
| | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------------------------------------------------|
| Einschraubtemperatursensor 4 <i>Screw-in temperature sensor 4</i> | |  |
| Sensortyp: | PT10000 | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | ±100mK | |
| Kabelmaterial: Cable material: | Teflon (Ø 3,5 mm) | |
| Messbereich: Measurement range: | -180 ... 250 °C -292 ... 482°F | |
| Bestell-Nr. / Order No.: | | Kabellänge [m]: cable length: |
| | 263900 - 3850 . 324 | 5 |
| | 263900 - 3850 . 325 | 10 |
| | 263900 - 3850 . 326 | 15 |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: | | |
| 269300 - 3900 . 047 / Kabelmaterial/ Länge in [m] 269300 - 3900 . 047 / cable material /length in [m] z.B.: / e.g.: 269300 – 3900 . 047 / Teflon / 2,0 | | |

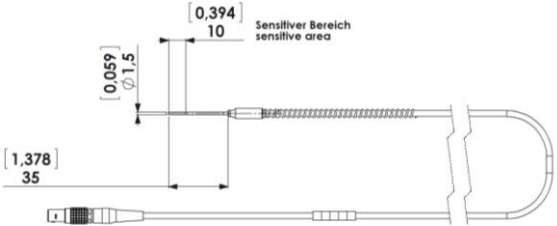
| | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------|
| Spezialtemperatursensor (PT 10000) <i>Special temperature sensor (PT 10000)</i> | |  |
| Sensortyp: | PT10000 | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | ±100mK | |
| Kabelmaterial: Cable material: | Teflon (Ø 3,5 mm) | |
| Messbereich: Measurement range: | -180 ... 250 °C -292 ... 482°F | |
| Bestell-Nr. / Order No.: | | Kabellänge [m]: cable length: |
| | 263900 - 3810 . 024 | 5 |
| | 263900 - 3810 . 025 | 10 |
| | 263900 - 3810 . 026 | 15 |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: | | |
| 269300 - 3900 . 046 / Kabelmaterial/ Länge in [m] 269300 - 3900 . 046 / cable material /length in [m] z.B.: / e.g.: 269300 – 3900 . 046 / Teflon / 1,0 | | |

| | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|------------------------------------------------------------------------------------|
| Spezialtemperatursensor (NTC) <i>Special temperature sensor (NTC)</i> | |  |
| Sensortyp: | NTC | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | ±100mK | |
| Kabelmaterial: Cable material: | Teflon (Ø 2,2 mm) | |
| Messbereich: Measurement range: | 20 ... 120 °C 68...248°F | |
| Bestell-Nr. / Order No.: | | Kabellänge [m]: cable length: |
| | 263900 - 3820 . 024 | 5 |
| | 263900 - 3820 . 025 | 10 |
| | 263900 - 3820 . 026 | 15 |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: | | |
| 269300 - 3900 . 049 / Kabelmaterial/ Länge in [m] 269300 - 3900 . 049 / cable material /length in [m] z.B.: / e.g.: 269300 – 3900 . 049 / Teflon / 2,0 | | |

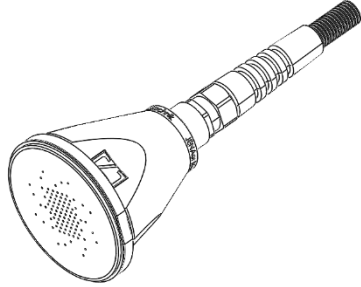
| | | |
|--------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Spezialtemperaturfühler 300 <i>Special temperature sensor 300</i> | |  |
| Sensortyp: | PT 10000 | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | ±100mK | |
| Kabelmaterial: Cable material: | Glasseiden-isoliertes Kabel (Ø 3,5 mm) glass silk – insulated cable | |
| Messbereich: Measurement range: | -100.... +320 °C -148 ...608°F | |
| Bestell-Nr. / Order No.: | | Kabellänge [m]: cable length: |
| | 263900 - 3830 . 024 | 5 |
| | 269300 - 3830 . 025 | 10 |
| | 269300 - 3830 . 026 | 15 |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: | | |
| 269300 - 3900 . 050 / Länge in [m] 269300 - 3900 . 050 / length in [m] z.B.: / e.g.: 269300 – 3900 . 050 / 9 | | |

| | | |
|---------------------------------------------------------------------------------------------------------------------|-----------------------------|------------------------------------------------------------------------------------|
| Spezialtemperaturfühler 450 <i>Special temperature sensor 450</i> | |  |
| Sensortyp: | NTC | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | ±10mK | |
| Kabelmaterial: Cable material: | PVC (Ø 4 mm) | |
| Messbereich: Measurement range: | 15 ... 45°C 59 ... 113°F | |
| Bestell-Nr. / Order No.: | | Kabellänge [m]: cable length: |
| 263900 - 3830 . 124 | | 5 |
| 269300 - 3830 . 125 | | 10 |
| 269300 - 3830 . 126 | | 15 |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: | | |
| 269300 - 3900 . 051 / Länge in [m] 269300 - 3900 . 051 / length in [m] z.B.: / e.g.: 269300 – 3900 . 051 / 11 | | |

| | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|--------------------------------------------------------------------------------------|
| Präzisionstemperaturfühler 3mm <i>Precision temperature sensor 3 mm</i> | |  |
| Sensortyp: | PT 10000 | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | (0 ... 300°C) ±20mK >300°C ±40mK | |
| Kabelmaterial: Cable material: | Teflon/Glasseiden Teflon /glass silk (Ø 3,5 mm) | |
| Messbereich: Measurement range: | -50.... +300 °C -58 ...572°F | |
| Bestell-Nr. / Order No.: | | Kabellänge [m]: cable length: |
| 263900 - 3835 . 024 | | 5 |
| 269300 - 3835 . 025 | | 10 |
| 269300 - 3835 . 026 | | 15 |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: | | |
| 269300 – 3900 . 052 *Hülsenlänge in mm **Kabellänge in m 269300 – 3900 . 052 *tube length in mm **cable length in m z.B.: / e.g.: 269300 – 3900 . 052 200 mm 7.5m | | |

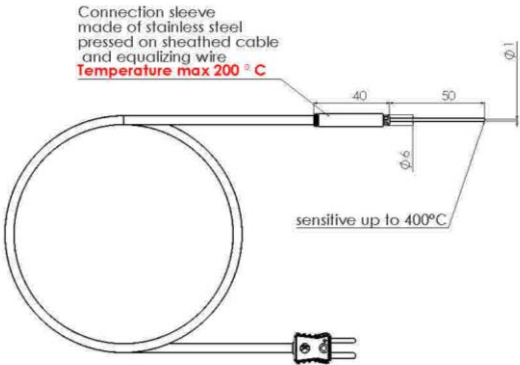
| | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|------------------------------------------------------------------------------------|
| Präzisionstemperaturfühler 1,5mm <i>Precision temperature sensor 1.5 mm</i> | |  |
| Sensortyp: | NTC | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | (-50 ... 120°C) ±20mK >120°C ±40mK | |
| Kabelmaterial: Cable material: | Teflon/Glasseiden (Ø 1,8 mm) | |
| Messbereich: Measurement range: | -50.... +120 °C -58 ...248°F | |
| Bestell-Nr. / Order No.: | | Kabellänge [m]: cable length: |
| 263900 - 3835 . 124 | | 5 |
| 269300 - 3835 . 125 | | 10 |
| 269300 - 3835 . 126 | | 15 |
| Sonderlänge auf Anfrage – Bestellnummer: length on request – order No: | | |
| 269300 – 3900 . 056 *Hülsenlänge in mm **Kabellänge in m 269300 – 3900 . 056 *tube length in mm **cable length in m z.B.: / e.g.: 269300 – 3900 . 056 200 mm 5.5m | | |

Kunden spezifische Sensorarray

| | | |
|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Sensorarray nach Kundenwunsch <i>Sensor array costumized</i> | |  <p>Symbolbild Symbol image</p> |
| Sensortyp: | NTC 10000 | |
| Masse[g]: Weight [g]: | | |
| Messunsicherheit: Measurement accuracy: | (20 ... 60°C) ±20mK (20 ... 22°C) ±5mK | |
| Kabelmaterial: Cable material: | Teflon/ PFA /PVC (Ø 1,8 mm) | |
| Messbereich: Measurement range: | 20 ... 60°C °C -58 ...140°F | |
| Bestell-Nr. / Order No.: 1 | Kabellänge [m]: cable length: 5 10 15 | |
| <p>Die Vergabe der Bestellnummer erfolgt kundenspezifisch ¹ We assign the order number is costumized. ¹</p> | | |

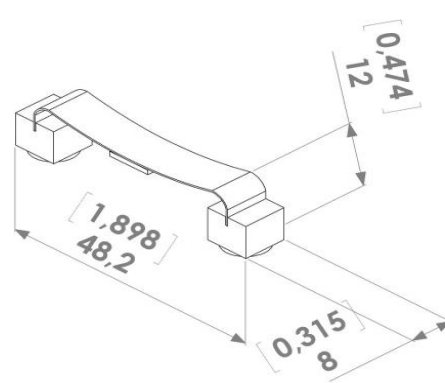
Thermoelemente

Thermo coupler

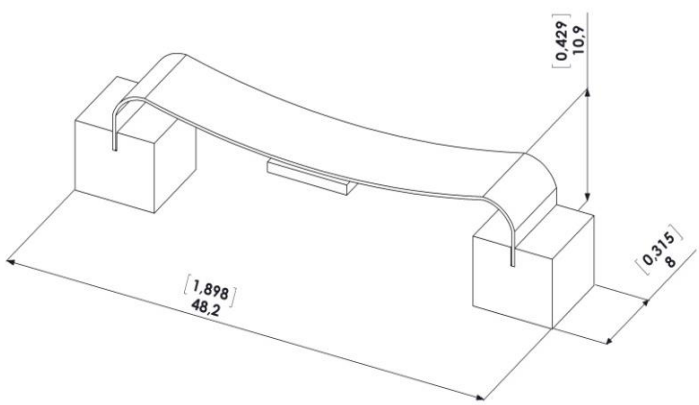
| | | | | | | | | | |
|----------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|--|----------------|-----------------|----------------|-----------------|
| MTE Typ 294 (für ZTM 200) MTE Type 294 (for ZTM 200) | |  | | | | | | | |
| Sensortyp: | K | | | | | | | | |
| Masse[g]: Weight [g]: | | | | | | | | | |
| Messunsicherheit: Measurement accuracy: | ±100mK | | | | | | | | |
| Kabelmaterial: Cable material: | TeSi (Ø 4 mm) | | | | | | | | |
| Messbereich: Measurement range: | 20 ... 400°C °C -58 ... 757°F Typ K | | | | | | | | |
| Bestell-Nr. / Order No.: 000000 – 5001 . 655 | Kabellänge [m]: cable length: 1 | <p>Weitere Typen auf Anfrage Other Types of inquiry: Bestellbezeichnung: Order No.: 000000 . 5001 . 655 / x* Für x*: S,K,T,J,B,N,E,R,C,L,U For x*: S,K,T,J,B,N,E,R,C,L,U</p> | | | | | | | |
| Type S | Type K | | | | | Type T | Type J | Type B | Type N |
| 80 ... 1760°C | -250 ... 1370°C | | | | | -250 ... 400°C | -200 ... 1120°C | 300 ... 1810°C | -250 ... 1300°C |
| Type E | Type R | Type C | Type L | Type U | | | | | |
| -250 ... 850°C | -50 ... 1760°C | 0 ... 2320°C | -200 ... 900°C | -200 ... 600°C | | | | | |

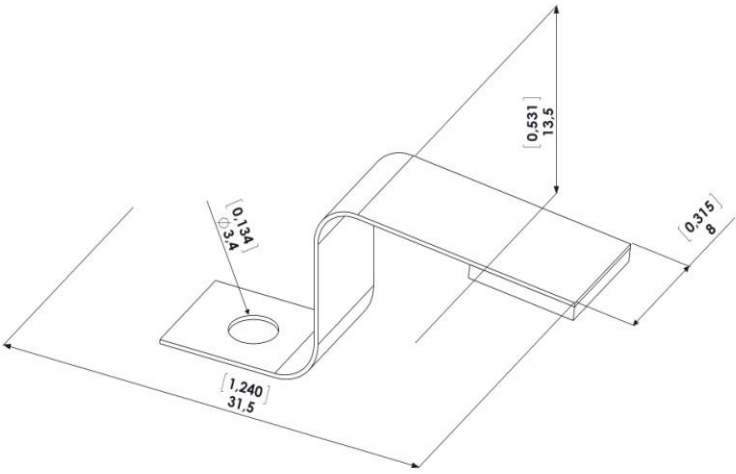
E. Montageelemente
E. Mounting elements

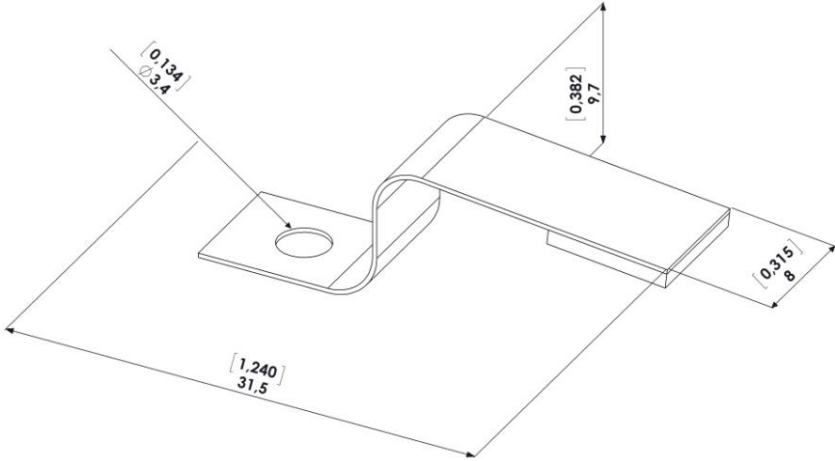
| | | |
|-----------------------------------------------|---------------------|-----|
| Magnethalter <i>Magnetic holder</i> | | |
| | | |
| Masse [g]:/ Weight: | | 9,5 |
| Bestell-Nr. / Order No.: | 269300 – 3300 . 224 | |
| | | |

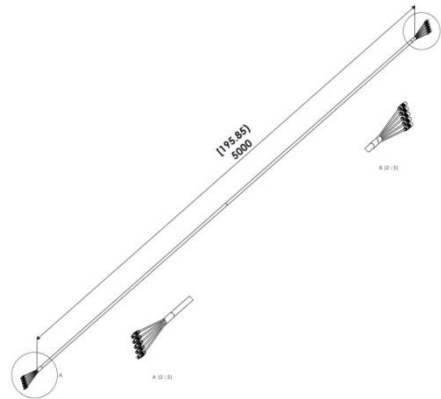


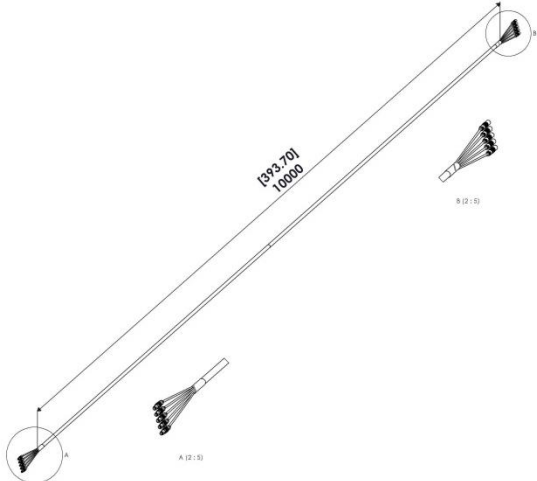
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|----------------------------------------------|---------------------|-----|
| Klebehalter <i>Adhesive holder</i> | | |
| | | |
| Masse [g]:/ Weight : | | 7,7 |
| Bestell-Nr. / Order No.: | 269300 – 3900 . 424 | |
| | | |

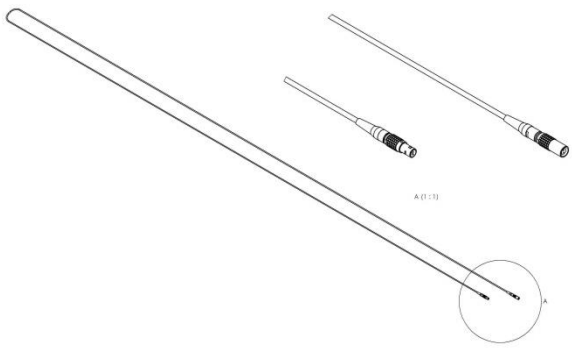


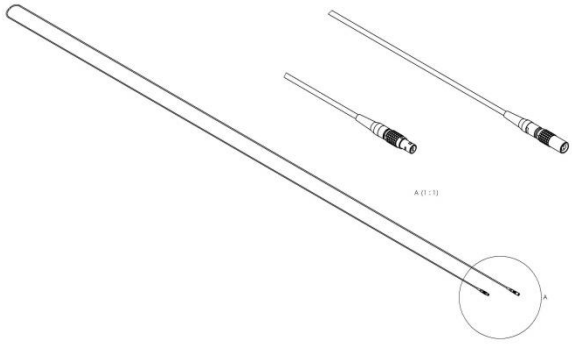
| | | |
|----------------------------------------------------------------------|-----|------------------------------------------------------------------------------------|
| Schraubhalter 1 <i>Screw holder 1</i> | |  |
| | | |
| Masse [g]:/ <i>Weight :</i> | 0,8 | |
| Bestell-Nr. / <i>Order No.:</i> 269300 – 3900 . 924 | | |

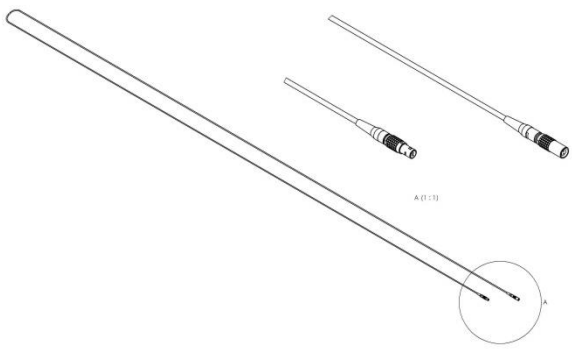
| | | |
|----------------------------------------------------------------------|-----|-------------------------------------------------------------------------------------|
| Schraubhalter 2 <i>Screw holder 2</i> | |  |
| | | |
| Masse [g]:/ <i>Weight :</i> | 0,8 | |
| Bestell-Nr. / <i>Order No.:</i> 269300 – 3900 . 624 | | |

| | | |
|----------------------------------------------------------------------------|--|------------------------------------------------------------------------------------|
| Verlängerungskabel 5m - 5 fach <i>Extension cable 5m - 5 way</i> | |  |
| Masse [g]:/ Weight: 350 | | |
| Bestell-Nr. / Order No.: 269300 – 3906 . 424 | | |
| (Empty space for additional information) | | |

| | | |
|------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|
| Verlängerungskabel 10m - 5 fach <i>Extension cable 10m - 5 way</i> | |  |
| Masse [g]:/ Weight: 650 | | |
| Bestell-Nr. / Order No.: 269300 – 3906 . 524 | | |
| (Empty space for additional information) | | |

| | |
|---------------------------------------------------------------|------------------------------------------------------------------------------------|
| Verlängerungskabel 5m Extension cable 5m - |  |
| Masse [g]:/ <i>Weight:</i> 200 | |
| Bestell-Nr. / <i>Order No.:</i> 269300 – 3905 . 924 | |
| | |

| | |
|---------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Verlängerungskabel 10m Extension cable 10m |  |
| Masse [g]:/ <i>Weight:</i> 280 | |
| Bestell-Nr. / <i>Order No.:</i> 269300 – 3906 . 024 | |
| | |

| | |
|---------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Verlängerungskabel 20m Extension cable 20m |  |
| Masse [g]:/ <i>Weight:</i> 280 | |
| Bestell-Nr. / <i>Order No.:</i> 269300 – 3906 . 224 | |
| | |

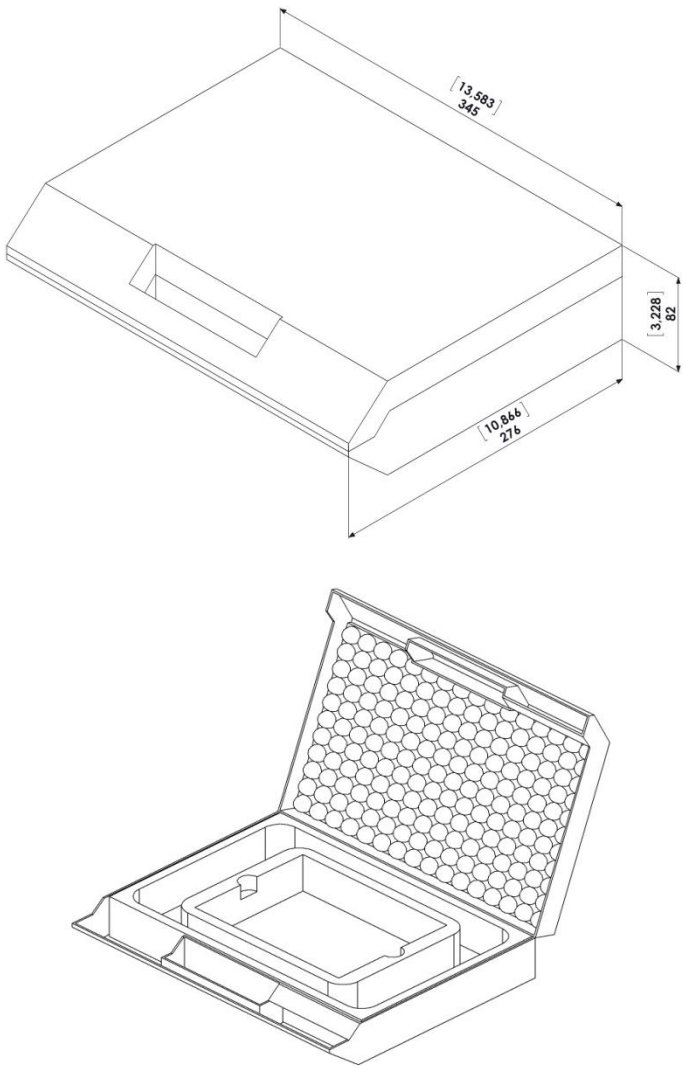
F. Software
F. Software
Auswertesoftware TEMP 14
Evaluation software TEMP 14

| | |
|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| TempLab - Remote <i>TempLab - remote</i> | |
| Bestell-Nr. / Order No.: 269300 - 5000 . 026 | |
| Messauflösung: <i>Measuring resolution:</i> | 0,1 mK(24 bit) |
| Maximale Anzahl der auszuwertenden Messkanäle: <i>Maximum number of evaluating channels:</i> | 16 (optional 32) |
| Anzeigegenauigkeit : <i>Accuracy of measuring sensors:</i> | von den eingesetzten Sensoren <i>depend on used sensors</i> |
| Abtastrate: <i>Sampling rate:</i> | 1Hz |
| Ausgabe: <i>Sampling rate:</i> | Tabelle / Liniendiagramm <i>Table / line plot</i> |
| Exportdaten: <i>Export data</i> | ASC / CSV |
| für Windows 7, 8, 10 (32 und 64 bit), 11 <i>for Windows 7, 8, 10 (32 and 64 bit), 11</i> | |

| | |
|--------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Templab - BARO | |
| Templab - BARO | |
| Bestell-Nr. / Order No.: 269300 - 5000 . 126 | |
| Messauflösung: <i>Measuring resolution:</i> | 0,1 mK(24 bit) |
| Maximale Anzahl der auszuwertenden Messkanäle: <i>Maximum number of evaluating channels:</i> | 16 (optional 32) Zusätzlich: Luftfeuchtigkeit und Luftdruck <i>Additionally: humidity and air pressure</i> |
| Anzeigegenauigkeit : <i>Accuracy of measuring sensors:</i> | In Abhängigkeit der eingesetzten Sensoren <i>depend on used sensors</i> |
| Abtastrate: <i>Sampling rate:</i> | 1Hz |
| Ausgabe: <i>Sampling rate:</i> | Tabelle / Liniendiagramm <i>Table / line plot</i> |
| Exportdaten: <i>Export data</i> | ASC / CSV |
| für Windows 7 / Windows 8,10 (32 und 64 bit), 11 for Windows 7 / Windows 8,10 (32 and 64 bit), 11 | |

| | |
|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| TempLabSuite 14 Cascade | |
| TempLabSuite 14 Cascade | |
| Bestell-Nr. / Order No.: 269300 - 5000 . 326 | |
| Messauflösung: <i>Measuring resolution:</i> | 0,1 mK(24 bit) |
| Maximale Anzahl der auszuwertenden Messkanäle: <i>Maximum number of evaluating channels:</i> | Für die Kaskadierung von zwei TEMP 14 USB Geräten an einem PC <i>For cascading two TEMP 14 USB units to one PC</i> |
| Anzeigegenauigkeit : <i>Accuracy of measuring sensors:</i> | In Abhängigkeit der eingesetzten Sensoren <i>depend on used sensors</i> |
| Abtastrate: <i>Sampling rate:</i> | 1Hz |
| Ausgabe: <i>Sampling rate:</i> | Tabelle / Liniendiagramm <i>Table / line plot</i> |
| Exportdaten: <i>Export data</i> | ASC / CSV |
| für Windows 7 / Windows 8 / Windows 10 (32 und 64 bit) & Windows 11 for Windows 7 / Windows 8 / Windows 10 (32 and 64 bit) & Windows 11 | |

G. Transportsysteme
G. Transport systems**Transportkoffer**
Transport bag

| | |
|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Temp 14 Koffer (klein) <i>Temp 14 case (small)</i> | |
| Bestell-Nr. / Order No.: 269300 - 3700 . 026 | |
| Abmasse [mm]: <i>Dimension[inch]:</i> | 345 x 276 x 82 13.583 x 10.866 x 3.228 |
| Gewicht: [g] <i>Weight:</i> | 712 |
| Zeichnung: <i>Drawing:</i> |  <p>The drawing shows two views of the Temp 14 case (small). The top view is a perspective view of the closed case with dimensions: length 13.583 (345 mm), width 10.866 (276 mm), and height 3.228 (82 mm). The bottom view is a perspective view of the case open, showing the interior with a grid of circular indentations on the lid and a central compartment.</p> |

Transportkoffer - TEMP 14 (groß)*Transport case -TEMP 14 (big)***Bestell-Nr. / Order No.:****269300 - 3700 . 126****Abmasse [mm]:**

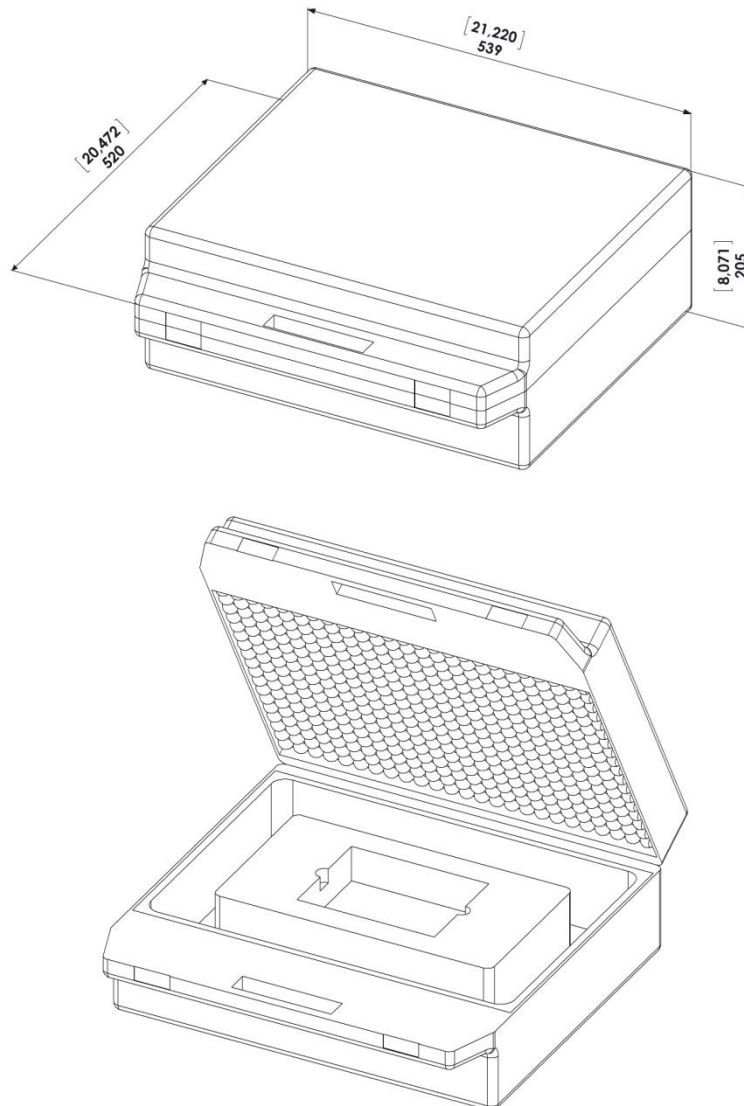
539 x 450 x 205

Dimension[inch]:

21.220 x 20.472 x 8.072

Gewicht: [g]

Ca. 2500

*Weight:***Zeichnung:***Drawing:*

Transportkoffer - TEMP 14*Transport case -TEMP 14*

Bestell-Nr. / Order No.:

269300 - 3700 . 226**Abmasse [mm]:**

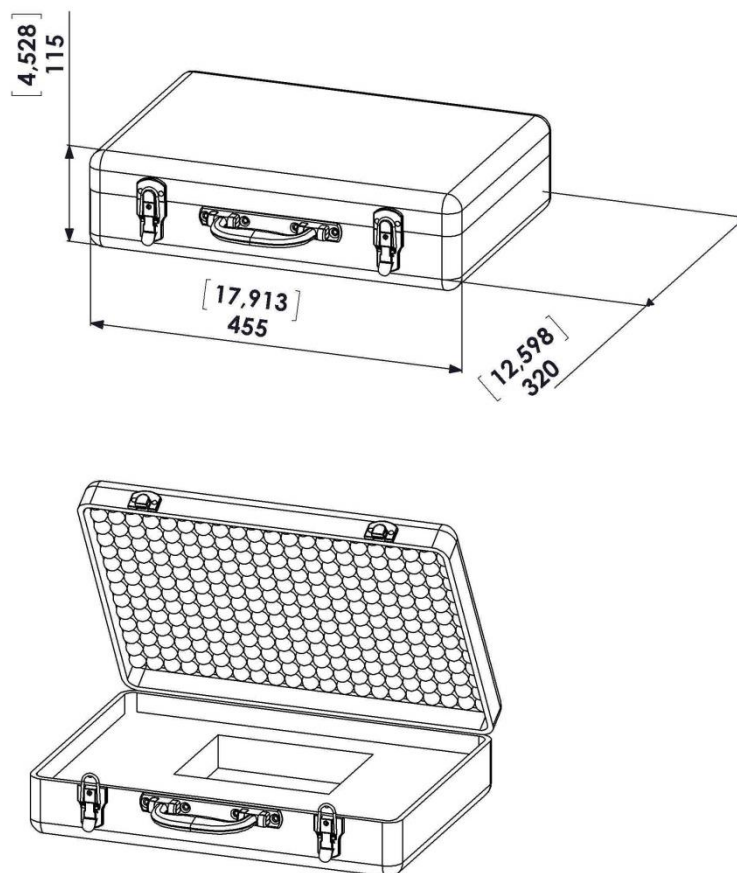
455 x 320 x 115

Dimension[inch]:

17.913 x 12.598 x 4.528

Gewicht: [g]

Ca. 2300

*Weight:***Zeichnung:***Drawing:*



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